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Lancaster Farming

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1997 Ends As Perplexing Year For Producers

ANDY ANDREWS
VERNON ACHENBACH JR.
Lancaster Farming Staff

EPHRATA (Lancaster Co.) — For many producers, 1997 will go into the books as a confusing, perplexing year. For others, 1997 will prove to be a year that provided the first fruits of burgeoning technology and expanding markets.

Pork and beef products are selling at a brisk pace in Japan, the major buyer of U.S. pork. Exports of broilers in 1997 will total 4.6 billion pounds and should increase to 4.7 billion this year (with Russia a big growth market for U.S. chicken). Other products will see increasing demand from overseas, apparently with no end in sight.

At the same time, producers in a large part of the state saw their crops drastically reduced by a persistent, unbreakable drought throughout the summer of 1997. In July, it was announced that a drought watch was declared for 34 counties in the Susquehanna River basin.

Corn silage harvests were down drastically, as much as 35 to 40 percent in some areas. The USDA yield estimate for Pennsylvania, according to Penn State experts, is 85 bushels per acre compared to 119 bushels per acre in 1996 — a substantial decrease.

But for as much as the crop endured, some producers achieved high levels of production from their fields. Many agree that growing successful crops of any nature is a perplexing, confusing business at best, even in an ideal year.

To illustrate the nature of this dual-personality year filled with droughts and broken expectations, the 1997 corn harvest is still pegged at about 9.27 billion bushels, about the same as last year's crop. It's the fourth largest crop on record, according to the USDA. Carryovers will create only a six-week supply of corn at the time of this year's harvest.

But the livestock and poultry industries continue to use corn at a record level despite the small carryovers.

Producers had other news that created questions about ag's future and the role of a progressive farmer in it. In a year of large mergers (Atlantic Dairy Cooperative and

(Turn to Page A24)

Bob and Diane Miller, with sons, Matt, 5; Wesley, 8; and Ben, 2, have been honored as Maryland Outstanding Farm Family for 1997.

Millers Named Outstanding Maryland Farm Family

EVERETT NEWSWANGER
Managing Editor

NORTH EAST, Md. — For the farm family that has been recognized by both Land O'Lakes and Farm Bureau as outstanding Maryland young farmers, Bob and Diane Miller and their three sons, Wesley 8, Matt 5, and Ben 2, look at their operation as both a heritage and a business.

The heritage part comes from a long line of ancestors who have lived on their farm located just south of the Pennsylvania/Maryland line. Not only do they enjoy their work, the family partnership between them and Bob's father and uncle provide a rewarding atmosphere to rear the boys.

The business attitudes focus on obtaining expert professional management help from accountants, feed nutritionists and crop consultants.

"Any young person who wants to farm should consider what he/she wants out of life," Bob said. "If he wants to make a lot of money or have short hours, he will not find this on the farm. But if he wants to be self-employed, enjoy his work, and have a good place to rear a family, he should consider it."

"But he/she definitely should consider obtaining professional management help," Diane adds. "And he needs to find time to get away so he can look at the operation from a different perspective and come back with a more positive attitude."

(Turn to Page A26)

Farm Show Special Issue Next Week

Our special Pennsylvania Farm Show issue will come to you next week. An extensive resource to help you get the most out of your visit to the Farm Show, this publication will be filled with the Farm Show schedule and building layout, special interviews with farm families who plan to show their home-grown items, and advertisers' messages to help you choose products and services. In fact, to help you get a head start on your planning, the building layout and show schedule is included in this issue, starting on page B17.

Please note that to get the paper out to you on time next week some of the news and advertising deadlines have

(Turn to Page A25)

Mid-Winter Plowing Brings Hope For A New Year

In many places the ground sleeps under a deep, soft blanket of snow. But in Lancaster County, the ground was open. And early Monday morning, before the the storm came up from the South, this Amish farmer was getting a running start on spring plowing. The scene along West View Drive, east of Intercourse, seems out of place in the middle of winter. And yet, what better symbolic activity could explain the eternal hope that lies within the heart of every true farmer? As we ring in the new year, this hope causes us to believe the blessings of nature will give us yet another good growing season full of bountiful harvest and the spiritual blessings associated with the calling to be a farmer. ***Photo by Everett Newswanger, managing editor.***

LANCASTER COUNTY LIVESTOCK MARKET AUCTION

LANCASTER LIVESTOCK AUCTION MONDAY DECEMBER 29, 1997

	CATTLE	CALVES	HOGS	SHEEP	GOATS
MONDAY'S AUCTION	726	44	76	370	364
LAST WEEK	525	45	143	299	278
LAST YEAR	930	103	342	378	348

CATTLE Slaughter steers 50 lower, with weights over 1450 lb 50-1 00 lower,slaughter heifers weak to 50 lower, cows fully steady, small supply bullssharply higher Supply included 55 percent slaughter steers, 12 percentslaughter heifers, 24 percent cows, and 9 percent bulls

SLAUGHTER STEERS High Choice and Prime 2-3 1250-1425 lb 67 85-69 00, onelot 1480 lb 66 35, couple lots 1530-1585 lb mostly yield grade 3 62 75-64 00,Choice 2-3 1150-1450 lb 64 00-67 75, 1475-1550 lb 62 00-63 60, Select and lowChoice 2-3 1100-1425 lb 60 00-64 75

HOLSTEINS High Choice and Prime 2-3 1400-1600 lb 58 00-60 00, Choice 2-31275-1600 lb 54 50-58 50, Select 1 3 1200-1400 lb 48 00-53 00

SLAUGHTER HEIFERS Choice 2-3 1040-1410 lb 61 75-66 50, Select 2-3 940-1270lb 58 00-62 00

COWS LOW DRESSING BULK HIGH DRESSING Brkg Utility/Commercial 2-3 38 00-41 50 Cutter and Boning Utility 1-3 33 50 36 00 36 00-38 50 Canner and low Cutter 1-2 27 00-30 00 30 00-34 00

BULLS Yield grade 1 1300-1900 lb 53 00-59 00 couple 60 00-61 75,individual 2045 lb 73 50, Yield grade 2 1100-1600 lb 47 00-53 00

CALVES Trend not fully comparable, couple Choice 300-350 lb vealers 65 00-75 00, couple Choice 500 lb slaughter calves 55 00-58 00

BARROWS AND GILTS Steady US 1-2 210-250 lbs 38 00-39 25US 1-3 215-265 lbs 36 00-37 00

SOWS Weak to 3 00 lower US 1-3 300-450 lbs 25 00-30 00 500-625 lbs 30 00-32 00

BOARS All Weights 22 00-23 00

SHEEP Slaughter lambs steady, slaugh ter ewes firm to 5 00 higher

SLAUGHTER LAMBS Choice 1-2 80-100 lb 104 00-108 00, 100-115 lb 85 00-95 00,Choice 2-3 120-140 lb 75 00-85 00, Good and Choice 1-2 50-60 lb 95 00-105 00,60-85 lb 85 00-92 00

NEW CROP LAMBS Few Choice 1-2 25-40 lb 150 00-158 00

VINTAGE LIVESTOCK AUCTION TUESDAY DECEMBER 30, 1997

	CATTLE	CALVES	SHEEP	GOATS
TODAY	666	921	0	0
LAST TUESDAY	548	823	3	1
LAST YEAR	582	782	0	0

CATTLE Small supply slaughter steers fully steady, slaughter heifers andbulls not fully tested, cows fully steady Supply included 18 percentslaughter steers and 77 percent cows

SLAUGHTER STEERS Choice 2-3 1175-1450 lb 64 50-68 00, Choice and Prime 2-31175-1425 lb 68 00-69 50, couple 70 00-70 75, Select and low Choice 2-3 1150-1375 lb 61 00-65 00

HOLSTEINS Choice and Prime 2-3 1440-1680 lb 54 25-60 00, Select 1-3 1030-1370 lb 48 00-50 25

SLAUGHTER HEIFERS Couple Choice 2-3 1200-1300 lb 63 50-64 75, couple Select2-3 945-1190 lb 59 00, couple Choice 1110-1655 lb Holsteins 55 50-56 75, fewSelect 1200-1385 lb 42 25-48 75

COWS LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 35 00-38 00 38 00-42 25 Cutter and Boning Utility 1-3 32 00-34 00 34 00-36 50 36 50-37 50 Canner and low Cutter 1-2 25 00-30 00 30 00-33 50

BULLS Few yield grade 1-2 1200-2100 lb 43 75-48 00

SLAUGHTER EWES Utility and Good 1-2 45 00-58 00, 2-3 35 00-38 00

GOATS All goats sold by the head Billies Few Large 120 00-152 00 Nannies Large 65 00-75 00, Medium 48 00-53 00

Yearlings Choice 78 00-85 00

Kids Prime 55 00-70 00, Choice 45 00-55 00, Good 30 00-40 00

Lancaster Livestock Auction

Wednesday's market report has been discontinued until further notice because of unsubstantial receipts.

CALVES Vealers steady Supply included 772 head in graded sale of which 89percent sold to return to the farm

VEALERS Couple Good 175-195 lb 40 00-60 00, high Good and low Choice 85-115lb 30 00-36 00, Standard and low Good 70-85 lb 25 00-27 00, couple lots 60-65lb 13 00

RETURNED TO FARM 25 head 120-125 lb Holstein Bulls 80 00-85.00, 240 head95-115 lb9514 00-123 00, 40 head 90 lb 87 00-95 00, and 25 head 85 lb 65 00,45 head small frame 110-120 lb 52 00-62 00 and 135 head 90-105 lb 34 00-37 00, 60 head 90-115 lb Holstein Heifers 112 00-125 00, 55 head small frame 80-110 lb 33 00-47 00

SHEEP No market test

GOATS No market test

Some markets not available due to the holiday

New Holland Livestock

New Holland, Pa.
Thursday, Jan. 1, 1998
Report Supplied by USDA

No report from USDA available, no sale held Dec. 25. Sale for Jan. 1. scheduled after presstime.

Thursday, Dec. 18, 1997
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1365	696	847	1019
Last Thursday	1480	637	279	165
Last Year	1078	691	602	451

CATTLE: Slaughter steers steady at the week's decline, best demand continues for Choice and Prime 1200-1400 lb weights; slaughter heifers scarce; cows 1.00-2.00 higher; bulls firm to 1.00 higher. Supply included 31 percent slaughter steers and 43 percent cows.

SLAUGHTER STEERS: Choice and Prime 2-4 1250-1475 lb 68.00-70.50, couple Choice 2 71.00-71.75; Choice 2-3 1175-1460 lb 64.00-68.00; Choice 3 few 4 1470-1600 lb 61.50-64.85; Select and low Choice 2-3 1100-1450 lb 59.00-64.00.

HOLSTEINS: High Choice and Prime 2-3 1190-1450 lb 57.75-59.25; Choice 2-3 1150-1500 lb 53.75-57.00; Select 1-2 1050-1400 lb 49.00-52.00.

COWS: LOW DRESSING BULK HIGH DRESSING: Brking Utility/Commercial 2-3 38.50-42.00 42.00-44.50 Cutter and Boning Utility 1-3 33.50-37.50 37.50-38.50 Canner and low Cutter 1-2 25.00-28.50 28.50-32.00.

BULLS: Yield grade 1 1230-2100 lb 41.50-47.50; Yield grade 2 950-1600 lb 38.50-41.50; around 25 head 860-1220 lb, mainly sold as feeders, 49.00-53.50.

Lancaster County Weekly

New Holland, PA
Friday, Jan. 2, 1998

	Cattle	Calves
This Week	2066	1613
Last Week	1073	1677
Last Year	2782	1500

CATTLE: WEEKLY REPORT BASED ON THE FIRST TWO DAYS OF THE WEEK; THURSDAY NOT REPORTED BECAUSE OF HOLIDAY. SLAUGHTER STEERS .50 LOWER, WITH WEIGHTS OVER 1400 LB. 50-1.00 LOWER; SLAUGHTER HEIFERS WEAK TO .50 LOWER; COWS FULLY STEADY; SMALL SUPPLY BULLS SHARPLY HIGHER. SUPPLY INCLUDED 37 PERCENT SLAUGHTER STEERS, 8 PERCENT SLAUGHTER HEIFERS, 50 PERCENT COWS, 5 PERCENT BULLS, WITH THE BALANCE FEEDERS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-3 1175-1425 LB. 67.85-69.50, COUPLE 70.00-75.00, COUPLE LOTS 1500-1585 LB. MOSTLY YIELD GRADE 3 62.75-64.00; CHOICE 2-3 1150-1450 LB. 64.00-68.00, 1475-1550 LB. 62.00-63.60; SELECT AND LOW CHOICE 2-3 1100-1425 LB. 60.00-65.00.

HOLSTEINS: HIGH CHOICE AND PRIME 2-3 1400-1680 LB. 58.00-60.00; CHOICE 2-3 1275-1600 LB. 64.25-68.50; SELECT 1-3 1030-1400 LB. 48.00-53.00.

SLAUGHTER HEIFERS: CHOICE 2-3 1040-1410 LB. 61.75-66.50; SELECT 2-3 940-1270 LB. 58.00-62.00; COUPLE CHOICE 1110-1655 LB. HOLSTEINS 55.50-56.75.

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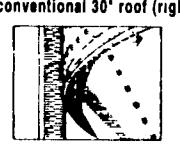
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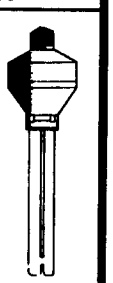

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VINTAGE SALES STABLES, INC.
SALE TUESDAYS
10:30 A.M.
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6:00 P.M.
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HOG MARKETS

New Holland Feeder Pigs

New Holland, PA
Wed., December 31, 1997
Report Supplied by USDA

TODAY 191 HEAD
LAST WEDNESDAY 518
LAST YEAR HOLIDAY

TREND: INSUFFICIENT VOLUME SOLD AS FEEDERS TO TEST TRENDS, ONLY 20 HEAD SOLD AS FEEDERS ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDREDWEIGHT.

US#1-2: 15 HEAD 50-54 LBS. 84.00-90.00, WEIGHTED AVERAGE 51.56, WEIGHTED PRICE 87.73.

US#2-3: 5 HEAD 53 LBS. 65.00.

SLAUGHTER: 6 HEAD 30 LBS. 120.00; 118 HEAD 12-60 LBS. 60.00-90.00, WEIGHTED AVERAGE 36.14, WEIGHTED PRICE 85.32.

Hatfield Direct

Hatfield, Pa.
Reports Supplied by Packer
For Monday, December 29, 1997
And Wednesday, December 31, 1997
MONDAY

TODAY: 7050
LAST MONDAY: 7494.
COMPARED TO LAST MONDAY 1.83 LOWER.
55.4% 215-275 LBS. BASE 38.17.
56.4% 215-275 LBS. 39.06.
57.4% 215-275 LBS. 39.95.
58.4% 215-275 LBS. 40.84.
59.4% 215-275 LBS. 41.73.
PREMIUM VALUE: 1.20.

GOOD'S RECEIVING
MONDAY CASH 35.50-37.00.

WEDNESDAY
TODAY: 7569
LAST WEEK: 7450
TREND: COMPARED TO LAST WEDNESDAY: ----.
55.4% 215-275 LBS.: BASE: 37.08.
56.4% 215-275 LBS.: 37.96.
57.4% 215-275 LBS.: 38.84.
58.4% 215-275 LBS. 39.72.
59.4% 215-275 LBS. 40.60.
PREMIUM VALUE 1.18.

State Graded Feeder Pig Sale

Carlisle Livestock Market, Inc.
Friday, Dec. 26, 1997

FEEDER PIGS 935...COMPARED TO DEC. 12 STATE GRADED SALE, PIGS WERE UNEVEN, MOSTLY STEADY, SPOTS 10.00 HIGHER AND 10.00 LOWER. ALL PIGS ARE FROM QUALIFIED OR MONITORED HERDS; THEY WERE WEIGHED ON ARRIVAL AND SOLD BY THE HUNDREDWEIGHT.

US#1&2: 73 HEAD. 14 HEAD 17½ -20 LBS. 146.00-152.50; 89 HEAD 22-29 LBS. 131.00-141.00; 121 HEAD 30-39 LBS. 120.00-137.00; 104 HEAD 41-49 LBS. 71.00-82.00; 172 HEAD 50-59 LBS. 70.00-78.00; 160 HEAD 62-69 LBS. 70.00-74.00; 44 HEAD 74-79 LBS. 64.50-70.50; 39 HEAD 85 LBS. 61.50.

US#2: 126 HEAD. 9 HEAD 25-29 LBS. 100.00-101.00; 6 HEAD 48-49 LBS. 73.00; 24 HEAD 54-59 LBS. 68.00; 26 HEAD 64-72 LBS. 59.00-60.50; 46 HEAD 82-94 LBS. 60.00-61.00; 15 HEAD 100 LBS. 65.50.

AS IS: 11 HEAD 10-19 LBS. 30.00-152.50; 8 HEAD 20-29 LBS. 1.00-70.00; 6 HEAD 40-49 LBS. 30.00; 11 HEAD 50-59 LBS. 40.00-59.00; 6 HEAD 70-79 LBS. 41.00; 2 HEAD 89 LBS. 24.00; 9 HEAD 150 LBS. 35.00; 1 NO GRADE 130 LBS. 40.00.

NEXT SALE FRI., JAN. 9 AND 23. RECEIVING 6-11 A.M. SALE 1:30 P.M.

Indiana Hogs

Springfield, Il
Tuesday December 30, 1997

USDA-Il Market News Serv Indiana-Ohio Direct Hog Close

Indiana-Ohio Direct Receipts: Monday's actual 38,000 Week to date 73,000 Today's estimate 35,000 Same pd. week ago 62,900 Tuesday week ago 28,200 Same pd. year ago 71,500 Tuesday year ago 37,300

Barrows and Gilts: 1.00-1.50 Lower. Demand light to moderate with a moderate movement. Country: Plants: US 1-2 230-260 lbs. 33.00-34.00 few 34.50 33.75-35.50 US 2-3 230-260 lbs. 29.50-33.00 210-230 lbs. 27.00-29.50

Sows: Weak to 2.00 lower with some contacts out of the market.

US 1-3 300-400 lbs. 23.00-25.00 Few to 22.00 400-500 lbs. 25.00-27.00 500-600 lbs. 27.00-31.00 Few over 600 lbs. 32.00

Boars: 21.00-23.00

Eastern Cornbelt Direct Hog Trade Hot Carcass Value Information Trend: Unevenly .50 to 2.05 Lower Estimated receipts: 39,900 as of 11:00 am Lean Value Evaluation Summary: % Lean 43-44 45-46 47-48 49-50 51-52 53-54 55-56 Lean Value*** Base** Base** Base** Carcass wt* 37.95 * 42.55 * 44.41 * 45.31 * 46.92 * 47.84 * 48.53 * 170-191# * 45.56 * 46.00 * 48.15 * 48.62 * 51.00 * 53.00 * 53.00 * **Base** Base** Base** Backfat: * * * * * * * 10th rib <1.39 * <1.24 * <1.14 * < .99 * < .89 * < .74 * < .59 * Last rib <1.40 * <1.29 * <1.19 * <1.09 * < .99 * < .79 * < .59 *

SB 32.00-33.75 SG 33.00-34.50 SL 28.50-32.00 SZ 28.00-32.00 SC 33.75-35.50 SH 32.00-33.50 SW 22.00-25.00 TA 21.00-23.00 SD 32.75-34.50 SJ 27.00-29.50 SX 25.00-27.00 SF 29.50-33.00 SK 29.50-33.00 SY 27.00-31.00

HAY & GRAIN MARKETS

Good's Hay

Leola, Pa.
Wed., December 31, 1997
Report Supplied by Auction

TOTAL LOADS: 88.
ALFALFA: 162.00-250.00.
STRAW: 85.00-150.00.
TIMOTHY: 157.00-200.00.
GRASS: 143.00-200.00.
MIXED HAY: 100.00-217.00.
CORN: 91.00-122.00.
BARLEY: 2.45 BU.
MIXED HAY: HIGH MOISTURE ROUND BALES 85.00 BALE.

Morrison's Cove Auction Hay

Morrison's Cove
Report Supplied by Auction
Dec. 29

ALFALFA: 10 LOTS, 152.50-230.00.
GRASS: 8 LOTS, 120.00-202.50.
TIMOTHY: 17 LOTS, 102.50-140.00.
MIXED HAY: 15 LOTS, 90.00-130.00.
STRAW: 5 LOTS, 117.50-137.50.
CORN: 1 LOT, 81.00.
WOOD: 7 LOTS, 31.00-65.00.
HAY SALES MONDAYS AT 12:30 P.M.

Dec. 30

ALFALFA HAY: 200.00-210.00.
MIXED HAY: 175.00-200.00.
TIMOTHY HAY: 95.00-112.00.
STRAW: 95.00.
FIREWOOD: 34.00-45.00 LOAD.
HAY SALES THURSDAYS AT 1 P.M.

Diffenbach Auction Center

New Holland, Pa.
Monday, December 29, 1997
Report Supplied by Auction

TOTAL LOADS: 185.
ALFALFA: 127.00-285.00.
MIXED HAY: 115.00-260.00.
TIMOTHY: 115.00-182.00.
ORCHARDGRASS: 105.00-255.00.
STUBBLE HAY: 165.00.
ALFALFA HAYLAGE: 45.00 BALE.
STRAW: 90.00-170.00.
EAR CORN: 102.00-120.00.
SHAVINGS: 2.65 BAG.
BARLEY: 2.45 BU.
FIREWOOD: 42.00-70.00.

The Windmill

Penn Yan, N.Y.
Dec. 26, 1997
Report Supplied by Auction

17 LOADS.
TIMOTHY: 1ST CUTTING 97.00.
GRASS: 1ST CUTTING 48.00-70.00, 1.50 BALE.
ALFALFA TIMOTHY: 1ST CUTTING 95.00-102.00, 2.50 BALE; 2ND CUTTING 124.00-175.00.
CLOVER TIMOTHY: 1ST CUTTING 88.00, 2ND CUTTING 122.00.
STRAW: 88.00-90.00, 1.40 BALE.
SHELLED CORN: 80 LB. BAGS 4.00 EACH.
MONDAY AUCTIONS CHANGED TO TUESDAY. AUCTIONS TUES. AND FRI. AT 11 A.M. SHARP!

Leinbach's Hay

Shippensburg, PA
Dec. 27 and 30
Report Supplied by Auction

63 LOADS.
ALFALFA: 137.50-202.00.
MIXED HAY: 70.00-140.00.
TIMOTHY: 97.50-144.00.
CLOVER: 138.00-170.00.
BROMEGRASS: 94.00-130.00.
ORCHARDGRASS: 60.00.
STRAW: 76.00-127.50.
EAR CORN: 104.00-114.00.
CORN FODDER: 56.00.
OATS: 2.30-3.00 BU.
WOOD: 22.00-56.00 LOAD.

Middleburg Grain & Hay Auction

Middleburg, Pa.
Tuesday Dec. 30, 1997
Report Supplied by PDA

6 LOADS OF HAY, 7 LOADS TOTAL.
MIXED HAY: 105.00-137.50.
ALFALFA: 150.00.
STRAW: 77.50.

Regional Hay

December 29, 1997
Eastern Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER. PRICES PAID BY DEALERS AT THE FARM & PER TON.) HAY SLOW, STEADY TO STRONG, STRAW STEADY TO WEAK.

ALFALFA 120.00-175.00; MIXED HAY 100.00-160.00; TIMOTHY 100.00-160.00; STRAW 75.00-100.00; MULCH 40.00-50.00, FEW 30.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/26/97. PRICES PER TON: LOADS: 280 HAY, 64 STRAW & 22 EAR CORN.

ALFALFA 151.00-215.00; MIXED HAY 130.00-217.00; TIMOTHY 135.00-200.00; STRAW 100.00-137.00; EAR CORN 88.00-120.00.

SUMMARY OF CENTRAL PA HAY AUCTIONS FOR WEEK ENDING 12/26/97. PRICES PER TON: LOADS: 159 HAY, 33 STRAW & 20 EAR CORN.

ALFALFA 130.00-177.50; MIXED HAY 92.50-170.00; TIMOTHY 100.00-145.00; STRAW 90.00-124.00; EAR CORN 80.00-112.50.

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, December 30, 1997
Report Supplied by Auction

31 LOADS OF HAY.
MIXED HAY: 1ST CUTTING 154.00-180.00, 2ND 162.00-180.00.
TIMOTHY: 177.00-194.00.
ALFALFA: 1ST CUTTING 146.00-195.00, 2ND CUTTING 170.00-216.00, 3RD CUTTING 185.00-204.00.
CLOVER: 154.00-175.00.
GRASS: 160.00-187.00.
WHEAT STRAW: 100.00-122.00.
BARLEY STRAW: 100.00-120.00.
FIREWOOD: 56.00 PICKUP LOAD.
SALE DAYS, TUESDAYS, 11 A.M.

Green Dragon Hay

Ephrata, Pa.
Friday, December 26, 1997
Report Supplied by Auction

105 TOTAL LOADS.
MIXED HAY: 26 LOTS, 142.00-240.00.
ALFALFA: 10 LOTS, 145.00-237.00.
TIMOTHY: 21 LOTS, 147.00-190.00.
STRAW: 25 LOTS, 90.00-125.00.
EAR CORN: 5 LOTS, 88.00-110.00.
ORCHARD GRASS: 7 LOTS, 92.00-185.00.
CLOVER: 135.00.
CORN FODDER: 54.00 AND 57.00.
SOYBEAN STUBBLE: 72.00.
FIREWOOD: 47.00-72.00 LOAD.

PIGS
STATE GRADED SALE
RECEIVING 7-11 AM
FRIDAY
Jan. 9 & 23
1:30 P.M.
AT
Carlisle
LIVESTOCK MARKET, INC.
Exit 12 Off I-81 turn South
(717) 249-4511 or
Evenings Jim, 249-2359

Carlisle
Livestock Market, Inc.
FED CATTLE SALE
Tues., Jan. 6 & 20
Exit 12 off I-81 Turn South
Early Bird Pens
Close 2 P.M
Market (717) 249-4511
Jim (717) 249-2359

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Every Monday 9:30 AM
Feeder Cattle
Sold in Conjunction with Monday Receipts
only January Feeder Cattle Sale January 9th
Receiving Market Hogs Wednesday 6:30 AM To 11:30 AM
No Wednesday Hog Receiving Station Dec. 31
Sold By Appointment Only
Sheep & Goat Consignments Welcome for Mondays
Graded Sow & Boar Sales
Jan. 6 & 20
(1st & 3rd Tues. of month)
Receiving 6:00 AM to Noon
SALE - 2:00 PM (Large Lots)
2:30 PM - (Individuals)
Sows to be graded & weighed in 50 lb increments
PROBLEM SOWS SOLD SEPARATELY
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INDEX
Four Sections

COLUMNS
Now is the Time A10
Family Living Focus ..... B 3
Being A Farm Wife ..... B 4
All Gardens ..... B 5
Consuming Thoughts ..... B 7
Ida's Notebook B15
Livestock Notes ..... C 6
Classified Ads ..... C 8, D 9
Business News ..... D 4
Farm Management ..... D 7

FEATURES
1997 Reviewed A18
Perplexing Year A24
Ag Ed. Vision A25
Molly Blackburn A31
Giving. . .Giving ..... B 6
Monkey Business B11
Pa. Farm Show Judging B17
Exhibitor's Layout B18
Scheduled Meetings B20
Upcoming Ext. Meetings ..... C 2

DEPARTMENTS
Editorial A10
Farm Calendar A10
Farm Forum A10
Futures A16
Mailbox Markets B16
Public Auction Register B28

HOME AND YOUTH
Home On The Range ..... B 2
Homestead Notes ..... B 6
Cook's Question Corner ..... B 8
Kids Korner B10
You Ask, You Answer B14

DAIRY
DHIA Focus A22
Dairy Management A30
Positioning Dairy A33
MD DHIA ..... D 8

N.E. Weekly Shell Egg Report

December 30, 1997
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
MAINE	1.25	1.14	.85	.68
NEW HAMPSHIRE	1.18-1.22	1.07-1.11	.78-.82	.61-.65
MOSTLY	1.20-1.21	1.09-1.10	.80-.81	.63-.64
RHODE ISLAND	1.24-1.28	1.13-1.17	.84-.88	.67-.71
MOSTLY	1.24	1.13	.84	.67
VERMONT	1.25-1.28	1.15-1.17	.88-.89	
MOSTLY	1.28	1.17	.88	

Delmarva Broiler

ATLANTA, GA
DECEMBER 30, 1997

DELMARVA BROILER/FRYER MARKET. FEDERAL-STATE

Movement of ready-to-cook whole birds was generally noted as good and sufficient to keep seasonally reduced offerings cleared satisfactorily. Live supplies were about moderate; weights were mostly desirable to heavy. Processing schedules were moderately heavy. Less than trucklot asking prices were 1 cent higher at 47 to 61 cents. Trade sentiment was fully steady to firm. In the parts complex, boneless skinless breasts remained available and slow to clear. Inquiry continued to build for the fully adequate supply of bone-in breasts. Leg items were fully adequate for a mostly fair demand. Wings were short of an active demand.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT
12/30 12/26 12/26 12/23 12/19
2,428 2,422 5.04 2,457 4.87

*BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 44-62 WEIGHTED AVERAGE 49.34 NO. OF BOXES 7,685

*7 of 9 plants reporting.

National Egg Market

ATLANTA, GA
DECEMBER 30, 1997

NATIONAL EGG MARKET - AT A GLANCE:

Prices were unchanged to lower in the South for extra large and large and other prices remained the same. The market tone was cautiously steady to weak. Demand was mixed and ranged from light to good, best in retail outlets where holiday shopping and winter storms were a factor. Supplies of graded eggs were adequate to tight and ungraded eggs were adequate to ample. Breaking stock supplies were adequate to ample for the light demand. Light type hen offerings were at least adequate.

Heinsey's Poultry

Roots, East Petersburg
Tuesday, December 23, 1997
Report supplied by USDA

Muscovy duck drakes 1.30-1.64, hens, 1.20-1.32.
Pekin ducks .60-.74.
Red fowl 4-4½ .50-.82, 5-6 lbs. .60-.94.
Crossbred fowl 5-9 lbs. .50-.82.
Crossbred roosters 4-6 lbs. .90-1.14, 7-11 lbs. .80-1.12.
Guinea fowl, not enough.
Banty roosters 4.00-6.75 ea., hens 1.50-3.25.
Leghorn hens .18-.34.
Leghorn Roosters, not enough.
Silkies 3.00-3.50 ea.
Geese 9-14 lbs., not enough.
Pigeons 2.00-2.50 ea.
White pigeons 5.25-6.10 ea.
Rabbits 4-6 lbs. 1.30-1.62, 7-11 lbs. 1.30-1.56.
Bunnies 2.50-6.00 ea.
Guinea pigs 2.00-5.00 ea.
Goats, not enough.
Kid goats, not enough.
Doves, not enough.
Chukars, not enough.
Pullets, not enough.
Total coops 144.

NE Chicken Parts 1&2

ATLANTA, GA
DECEMBER 30, 1997

NORTHEAST BROILER/FRYER PARTS - PART I FEDERAL-STATE

Trucklot buying activity varied depending upon specific needs at each location. Offerings were affected by adverse weather in some areas, but overall were adequate on all but wings. Demand was irregular with most consumer activity centering around New Year holiday needs. The market tone was cautiously steady.

PRICES PAID PER POUND, ICE PACKED AND CO2 PACKED BROILER/FRYER PARTS, DELIVERED TO FIRST RECEIVERS IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES.

ITEM CURRENT NEGOTIATED TRADING*

BREAST - B/S 135-140, BREAST - WITH RIBS 60-61, BREAST - LINE RUN 60, LEGS 41-42, LEG QUARTERS (BULK) 26-27, DRUMSTICKS 31-32, THIGHS 34-35, WINGS (WHOLE) 64-65, BACKS AND NECKS (STRIPPED) 12-14, LIVERS (5 POUND TUBS) 20-25, GIZZARDS (HEARTS) 50

INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT, RHODE ISLAND, AND PENNSYLVANIA (NORTHEAST OF HARRISBURG).

* TODAY'S NEGOTIATED SALES AS OF 11:30 A.M.

POULTRY ❖ MARKETS

Weekly New York Egg Market Northeast Quotes Prices Supplied by Urner-Barry

	From Dec. 26-31 FRI.	MON.	TUES.	WED.	
WHITE					
JUMBO	.91	.91	.91	.89	C
EX. LARGE	.90	.90	.90	.88	L
LARGE	.87	.87	.87	.85	O
MEDIUM	.71	.71	.71	.71	S
PULLETS	.57	.57	.57	.57	E
BROWN					
EXTRA LARGE	1.07	1.07	1.07	1.07	
LARGE	1.01	1.01	1.01	1.01	
MEDIUM	.72	.72	.72	.72	
UNDERGRADES AND CHECKS	.31	.31	.30	.30	

BREAKING STOCKS: FRI. 42-44 LBS. .36-.38, 48-50 LBS. .44-.46, 50 LBS. AND UP .46-.47; TUES. 48-50 LBS. .43-.45, 50 LBS. ANDUP .45-.46.

Belleville Poultry

Belleville, Pa.
Wednesday, December 31, 1997
Report supplied by Auction

Geese: 2.00 ea.
Turkeys: 4.00-7.00.
Guineas: none.
Roosters: 1.00-3.00 ea.
Bantams: .50-1.50 ea.
Heavy hens: none.
Silkies: none.
Muscovy hens: 3.00-4.00.
Muscovy drakes: 5.00-6.50.
Mixed ducks: 4.50 ea.
Barn pigeons: 1.00-1.70 ea.
White birds: 3.50-5.00 ea.
Fancy birds: 1.25.
Peacocks: 16.00.
Pheasants: none.
Doves: none.
Quail: none.
Guinea Pigs: none.
Rabbits: under 4 lbs. .75-3.00 ea., 4-6 lbs. 4.40-6.60 ea., over 6 lbs. 8.00-11.00 ea.

For more information phone 717-242-2898.

North Atlantic Shell Eggs

December 31, 1997
Atlanta, Ga.

PRICES TO RETAILERS IN PHILA. WERE UNCHANGED TO LOWER FOR LARGE AND EXTRA LARGE AND PRICES TO PRODUCERS FOR BROWN EGGS IN NEW ENGLAND WERE 2 CENTS LOWER FOR LARGE AND EXTRA LARGE. THE BALANCE OF PRICES WAS UNCHANGED. THE MARKET TONE WAS STEADY TO WEAK. DEMAND RANGED FROM LIGHT TO GOOD. SUPPLIES WERE GENERALLY ADEQUATE WITH GRADED EGGS OCCASIONALLY TIGHT AND UNGRADED OCCASIONALLY SURPLUS. BREAKING STOCK SUPPLIES WERE ADEQUATE TO AMPLE FOR THE LIGHT DEMAND. LIGHT TYPE HENS WERE AT LEAST ADEQUATE.

PHILADELPHIA: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN, EXTRA LARGE .81-.87; LARGE .79-.85; MEDIUM .65-.66.

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E. PA & NJ Poultry

ATLANTA, GA
DECEMBER 29, 1997

SOUTHEAST HEAVY LIVE HEN REPORT, DECEMBER 29, 1997. FEDERAL-STATE

Majority prices trended slightly lower. Demand was unaggressive for fully adequate offerings. Processing schedules were generally reduced for the holiday. Undertone about steady to steady.

HEAVY TYPE HENS (7 POUNDS AND UP) *

FINAL PRICE, CENTS PER LB., GENERALLY FOR SLAUGHTER THE WEEK OF 29-DEC-97

RANGE MAJORITY WTD AVG

AT FARM BUYER LOADING 14.5-22 CENTS/LB. 17.25-20.5 18.39 AT FARM PRODUCER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT

* WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

New York Egg Market

ATLANTA, GA
DECEMBER 30, 1997

NEW YORK EGGS, DECEMBER 30, 1997. FEDERAL-STATE

Prices were unchanged. The market tone was cautiously steady. Demand was mixed and was in a full range of light to good. Supplies of graded eggs were tight to adequate and ungraded stocks were fully adequate to ample. The New York state inventory was 23% less than the previous week and the New Jersey inventory was 5% less than the previous Monday.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE 85-87 LARGE 82-85 MEDIUM 66-69

Hackettstown Poultry & Egg

Hackettstown, N.J.
Report Supplied by Auction
Tuesday, December 30, 1997
Report Supplied by Auction

HEAVY FOWL .50-.55.
LEGHORN FOWL .50-.65.
GEESE .15-.20.
BANTAMS .30, .80-2.00 EACH.
BUNNIES 1.25-1.50 EACH.
ROOSTERS .80-1.50.
DUCKS 1.00-1.60.
RABBITS .75-2.00.
PIGEONS 2.10-2.20 LB., 2.10-6.00 EACH.

GRADE A EGGS: WHITE EXTRA LARGE & JUMBO .69-.89, LARGE .66-.85., BROWN EXTRA LARGE & JUMBO .65-.95, LARGE .65-.85, MEDIUM .60-.67.

North Jersey Market

Hackettstown, N.J.
Report Supplied by Auction
Tuesday, Dec. 30, 1997
Hay—Straw & Grain Report

ALFALFA: 2 LOTS, 2.20 AND 2.85 BALE.
MIXED HAY: 5 LOTS, 1.50-2.00 BALE.
TIMOTHY: 1 LOT AT 2.30 BALE.
GRASS: 2 LOTS, 2.00 AND 3.00 BALE.
EAR CORN: 2 LOTS, 3.00 BAG.
SHELLED CORN: 1 LOT AT 6.79 BAG.
13 LOTS TOTAL.

Kutztown Hay Auction

Fleetwood, PA
Dec. 27
Hay and Straw at 9:00 a.m. Sat. followed by produce
Report Supplied by Auction

36 LOADS.
ALFALFA HAY: 124.00-200.00.
GRASS HAY: 112.00-148.00.
MIXED HAY: 95.00-164.00, 1.90-2.50 BALE.
TIMOTHY HAY: 130.00-155.00.
WHEAT STRAW: 100.00-104.00.
FIREWOOD: 40.00-55.00.

Pa. Grain

December 29, 1997
Report supplied by PDA

COMPARED TO LAST MONDAY'S MARKET FOR EASTERN AND CENTRAL PENNSYLVANIA: CORN, WHEAT, BARLEY & OATS STEADY, SOYBEANS STEADY TO .10 HIGHER, NEW EAR CORN MOSTLY STEADY. PRICES PAID DELIVERED TO DELIVERS DOCK: ALL PRICES PER BUSHEL, EXCEPT EAR CORN PER TON.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.99-3.15, AVERAGE 3.08, WHEAT NO. 2 RANGE 3.35-3.58, FEW REPORTED 3.25, AVERAGE 3.45, CONTRACT FOR HARVEST 3.26-3.58; BARLEY NO. 3 RANGE 2.35-2.50, AVERAGE 2.44, CONTRACT FOR HARVEST FEW REPORTED 1.95; OATS NO. 2 RANGE 1.60-2.00, AVERAGE 1.75; SOYBEANS RANGE 6.65-6.95, AVERAGE 6.85; FEW REPORTED GR. SORGHUM RANGE 2.89, AVERAGE 2.89, AVERAGE MOISTURE NEW EAR CORN, RANGE 65.00-110.00, MOSTLY REPORTED 75.00-85.00, AVERAGE 84.17.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 3.00-3.15, AVERAGE 3.12; WHEAT NO. 2 3.10-3.40, AVERAGE 3.22; BARLEY NO. 3 RANGE 2.00-2.40, AVERAGE 2.22; OATS NO. 2 RANGE 1.50-1.75, FEW REPORTED 2.00, AVERAGE 1.71; SOYBEANS NO. 1 RANGE 6.49-6.90, AVERAGE 6.64; FEW REPORTED OLD EAR CORN RANGE 80.00-95.00, AVERAGE 86.67, AVERAGE MOISTURE NEW EAR CORN, RANGE 68.00-85.00, AVERAGE 77.17.

EASTERN AND CENTRAL PENNSYLVANIA SUMMARY

CORN NO. 2-Y RANGE 2.89-3.15, AVERAGE 3.08; WHEAT NO. 2 RANGE 3.15-3.62, AVERAGE 3.39; BARLEY NO. 3 RANGE 2.20-2.55, AVERAGE 2.34; OATS NO. 2 RANGE 1.50-2.00, AVERAGE 1.71; SOYBEANS NO. 1 RANGE 6.49-6.95, AVERAGE 6.73; AVERAGE MOISTURE NEW EAR CORN, RANGE 62.00-85.00, AVERAGE 75.24.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.59-3.05, FEW REPORTED 3.25, AVERAGE 2.98; WHEAT NO. 2 RANGE 3.10-3.36, AVERAGE 3.24; BARLEY NO. 3 2.15-2.33, AVERAGE 2.24; OATS NO. 2 RANGE 1.50-2.00, AVERAGE 1.76; SOYBEANS NO. 1 6.43-6.70, AVERAGE 6.57, FEW REPORTED OLD EAR CORN RANGE 89.00, AVERAGE 89.00.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.90-3.20, FEW REPORTED 3.30, AVERAGE 3.11; WHEAT NO. 2 RANGE 3.20-3.47, AVERAGE 3.34; BARLEY NO. 3 RANGE FEW REPORTED 2.35-2.65, AVERAGE 2.40; OATS NO. 2 RANGE 1.55-1.75, FEW REPORTED 1.90, AVERAGE 1.68; SOYBEANS RANGE 6.50-6.80, AVERAGE 6.60; OLD EAR CORN RANGE 78.00-85.00, FEW REPORTED 100.000, AVERAGE 82.83; AVERAGE MOISTURE NEW EAR CORN, RANGE 62.00-85.00, AVERAGE 71.40.

LEHIGH VALLEY AREA

CORN NO. 2-Y RANGE 2.89-3.04, AVERAGE 3.00; WHEAT NO. 2 RANGE 3.45-3.62, AVERAGE 3.54, BARLEY NO. 3 RANGE FEW REPORTED 2.25-2.55, AVERAGE 2.37; OATS NO. 2 RANGE 1.50-1.80, FEW REPORTED 2.00, AVERAGE 1.72; SOYBEANS NO. 1 RANGE 6.60-6.89, AVERAGE 6.74; FEW REPORTED GR. SORGHUM 2 RANGE 5.80, 5.80 PER HUNDREDWEIGHT: OLD EAR CORN RANGE 84.00-86.00, AVERAGE 84.75; AVERAGE MOISTURE NEW EAR CORN, RANGE 63.00-64.00, AVERAGE 63.75.

MONTH AGO

CORN NO. 2-Y 3.17; WHEAT NO. 2 3.43; BARLEY NO. 3 2.28; OATS NO. 2 1.72; SOYBEANS NO. 1 6.91; AVERAGE MOISTURE NEW EAR CORN 72.00.

YEAR AGO

CORN NO. 2-Y 2.92; WHEAT NO. 2 4.55; BARLEY NO. 3 3.22; OATS NO. 2 2.29; SOYBEANS NO. 1 6.72; AVERAGE MOISTURE NEW EAR CORN 75.42.

NORTH CENTRAL OHIO
(Prices FOB Truck)

CORN 2.67; WHEAT 3.18; SOYBEAN MEAL: BULK 44% 200.20-208.00, BULK 48% 214.20-222.00.

Some markets not available due to the holiday

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Radisson Hotel Penn Harris, Harrisburg, PA

PRODUCERS: REGISTER NOW FOR PRESENTATIONS:
• **Clarkson Grain** will present organic and food grade programs for soybeans, corns, and wheats; indicate preferred varieties, hybrids and agronomics; and present its contracts. • **Rodale Experimental Farm** will describe its experiments with food grade soybeans in terms of yield and quality.• **PCO** (Pennsylvania Certified Organic) will discuss organic certification and cost. • **AgriEnergy** will discuss available consulting and input services for those seeking assistance in raising high quality food grade crops.

ORGANIC PRODUCTION MEETING AGENDA
Radisson Penn Harris, 1150 Camp Hill By-Pass, Camp Hill PA
8:30 Registration
9:00 Clarkson Grain presents market programs and contracts
9:45 Rodale presents 2 year's test results with food grade organic soybeans
10:00 Rodale introduces programs available to assist organic producers
10:15 Refreshments
10:40 PCO presents certification requirements and costs
11:00 AgriEnergy introduces its services for food grade production
11:15 Questions/Answers

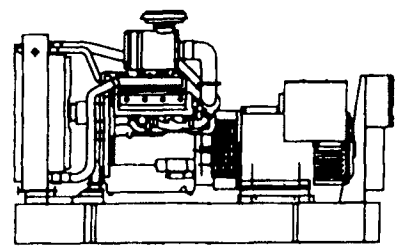
To reserve a place and get an info packet call CG 800-252-1638
To reserve a room at the Radisson, call 717-763-7117 and clearly indicate that you are attending the Clarkson Grain Conference.

CLARKSON GRAIN CO. INC.
800-252-1638
E-mail: cgci@novanet1.com

ORGANIC FARMERS WANTED:

CLARKSON GRAIN (CG) seeks farmers within 150 miles of Harrisburg to produce organically certified food grade soybeans.
CG offers contracts to buy whatever quantity you produce on the contracted acres of the following varieties at the indicated prices:
HP204s $22/bu
Vinton 81 $21.50/bu
IA3001 $19/bu
Pioneer 9305 $15/bu
Prices apply at the farm.

CG is a licensed, bonded, organically certified Illinois grain company seeking contracts with eastern farmers. It supplies food grade soybeans, corns (white, yellow, blue), and wheats to processors on 4 continents. It originates organic and food grade crops in several states and parts of Canada.

GENERATOR SYSTEMS
1-800-779-8809

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National Grain Market

St. Joseph, MO

Tue, Dec 30, 1997

USDA-MO Dept Ag Market News

DAILY NATIONAL GRAIN SUMMARY

Wheat bids were slightly lower at the close on active fund selling, ample World wheat supplies and light export demand. Asia's financial problems also continue to add pressure to bids. Corn and soybean bids were higher, despite lack of new export sales. Wheat steady to 6 cents lower. Corn steady to 3 cent higher. Sorghum 1 to 2 cents lower. Soybeans 3 to 7 cents higher. Active profit taking on the board pressured wheat bids today. Good export demand yesterday for wheat but nothing overnight offered weak- ness. Corn bids moved slightly higher as traders saw recent declines as overdone and adjustments were made. The large inventory of US hogs helped to underpin corn bids. Export sales remain nil for the week. Soybean bids were moderately higher in reaction to a weekly record large US soybean crush. Continued favorable growing weather in South America limited gains in bean bids.

U.S. Export Sales: PURCHASER COMMODITY TONNAGE DEL DATE Nothing new to report.

Date Change Year ago Truck Bids: 12/30/97 12/29/97 12/31/96 W4eat: Kansas City (HRW, ORD) 3.38 dn 6 4.40 Minneapolis (DNS, 14%) 3.95 1/2 dn 3 1/4 4.12 3/4 Portland (SW) 3.66-3.68 unch-dn 1 3.99-4.01 St. Louis (SRW) 3.30-3.34 dn 6 3.80-3.81

Corn, US 2 Yellow: Kansas City 2.56-2.57 unch-up 1 2.58-2.59 Minneapolis 2.45 3/4 up 1 1/2 2.39 1/4 Southern Iowa 2.55-2.61 unch NA Omaha 2.43-2.45 up 3-2 2.46

Soybeans, US 1 Yellow: Kansas City 6.80 up 4 6.90-6.93 Minneapolis 6.48 3/4 up 3/4 6.52 1/2 Southern Iowa 6.71-6.77 up 7-3 NA Cent IL Processors 6.84 1/4-6.94 1/4 up 1/2-3 6.97 3/4-7.02 3/4

Futures: Kansas City (Mar) Wheat 3.37 1/4 dn 5 1/2 3.95 1/4 Minneapolis (Mar) Wheat 3.67 1/2 dn 3 1/4 3.

77 3/4 Chicago (Mar) Wheat 3.27 3/4 dn 6 3.81 1/4 Chicago (Mar) Corn 2.66 3/4 dn 1/2 2.58 1/4 Chicago (Jan) Soybeans 6.81 1/4 up 1/2 6.90 1/2 Chicago (Mar) Soybeans 6.85 3/4 up 2 3/4 6.87 3/4

Export Bids: Barge or rail, Port of New Orleans or North Texas Gulf. US 1 HRW Wheat, Ord. Protein: 3.74 1/4 dn 5 1/2 4.63 1/4 US 2 Soft Red Winter Wheat: 3.49 3/4-3.51 3/4 dn 6 4.21 1/4-4.23 1/4 US 2 Yellow Corn: 2.84 1/4-2.85 3/4 dn 1-1/2 2.90 1/4-2.91 1/4 US 2 Yellow Sorghum: Rail 4.91 dn 1 4.70 Barge 5.05-5.07 dn 1-up 1 4.72-4.75 US 1 Yellow Soybeans: 7.09 1/4-7.11 1/4 up 1/2 7.26 1/2-7.28 1/2

Central U.S. Carlot

Beef Report

December 30, 1997

Report supplied by USDA

USDA NATIONAL CARLOT BEEF REPORT (INCLUDES MAJOR PRODUCTION AREAS IN THE MIDWEST AND TX) AS OF 3 P.M.

COW AND BULLS CARCASS FOB OMAHA LOADS REPORTED

COMPARED TO TUESDAY'S 3 P.M. REPORT: COW AND BULL CARCASSES NOT ESTABLISHED.

UT, BRK 2-4 450 LBS. AND UP, LATEST ESTB. MKT. 59.00 B.

UT, BNG 1-3 400 LBS. AND UP, LATEST ESTB. MKT. 63.00 B.

CUTTER 1-2 350 LBS. AND UP, LATEST ESTB. MKT., UNQUOTED.

BULLS YG1 500 LBS. AND UP, UNQUOTED.

COW AND BULL CARCASS CAF WEST COAST MARKET FOR WEEK ENDED: DEC. 26

UT, BRK 1-3 400 LBS. AND UP, RANGE 63.00, WGHTD. ASVG. 63.00.

CUTTER 1-2 350 LBS. AND UP, RANGE 63.00, WGHTD. AVG. 63.00.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS 107.0 LOADS

LEAN BONELESS WEAK FOR IMMEDIATE DELIVERY AND 3.00 LOWER FOR NEXT WEEK; 85% STEADY TO LOWER; 75% UNEVEN, MOSTLY WEAK; 65% WEAK. DEMAND AND OFFERINGS LIGHT TO MODERATE. BEEF TRIMMINGS LOWER ON LIGHT TO MODERATE DEMAND AND MODERATE OFFERINGS.

FOB OMAHA BASIS

90% FR, 9 LOADS, RANGE 92.0-95.0, WT. AVG. 93.44.

90% FZ, RANGE 98.0-100.0, WT. AVG. 98.80 B.

85% FR, 9 LOADS, RANGE 85.0-88.0, WT. AVG. 86.11.

85% FZ, RANGE 91.0, WT. AVG. 91.00 D.

75% FR, 7 LOADS, RANGE 69.0-74.0, WT. AVG. 71.57.

75% FZ, UNQUOTED.

65% FR, 7 LOADS, RANGE 58.0-59.0, WT. AVG. 58.29.

65% FZ, UNQUOTED.

50% FR, 68 LDS., RANGE 35.50-38.00, WT. AVG. 36.76.

50% FZ, UNQUOTED.

50% BX, UNQUOTED.

BULL 92-94, RANGE 110.00, WT. AVG. 110.00 C.

EAST TX AND OK

90% FR, 7 LOADS, RANGE 92.0, WT. AVG. 92.00.

90% FZ, RANGE 96.0-98.0, WT. AVG. 97.00 B.

CAF NORTHEAST AREAS

90% FR, RANGE 98.0, WT. AVG. 98.00 B.

90% FZ, UNQUOTED.

85% FR, UNQUOTED.

CAF WEST COAST BASIS MARKET FOR WEEK ENDED 12/26/97

90% FR, RANGE 97.5-96.0, WT. AVG. 97.50.

90% FZ, UNQUOTED.

85% FR, RANGE 90.0, WT. AVG. 90.00.

85% FZ, UNQUOTED.

75% FR, UNQUOTED.

75% FZ, UNQUOTED.

65% FR, RANGE 58.0-60.0, WT. AVG. 59.42.

65% FZ, UNQUOTED.

50% FR, RANGE 38.0-40.0, WT. AVG. 39.38.

50% FZ, UNQUOTED.

**ABCDE AFTER QUOTED REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

SOURCE: USDA MARKET NEWS, DES MOINES, IA.

Carlisle Livestock

Carlisle, Pa.

December 30, 1997

SLAUGHTER CATTLE: STEERS, NO CHOICE OFFERED! FEW SELECTS 900-1500 LBS. 52.25-60.50, COUPLE HOLSTEIN STEERS 1100-1700 LBS. 47.25-49.50; HEIFERS CHOICE 65.25-67.00, SELECT AND LOW CHOICE 60.25-65.00; COWS, ACTIVE! BREAKING UTILITY AND COMMERCIAL 35.25-39.00, CUTTER AND BONING UTILITY 33.00-37.00, CANNER AND LOW CUTTER 28.00-32.75, BIG MIDDLE 27.00 AND DOWN; BULLS YG#2 35.00-38.75.

FEEDER CATTLE: FEEDER STEERS MED. AND LRGE. #1 400-550 LBS. 71.00-73.00; FEEDER HEIFERS MED. AND LRGE. #1 400-550 LBS. 59.00-64.00.

CALVES: RETURNING TO FARM, HOLSTEIN BULLS #1 95-125 LBS. 90.00-107.00; HOLSTEIN HEIFERS #1 85-100 LBS. 82.50-99.00, 80-110 LBS. 62.50-80.00.

SWINE: HOGS US#1-3 220-290 LBS. 35.00-37.00; SOWS US#1-3 300-600 LBS. 26.50-35.00; BOARS OVER 300 LBS. 21.00-22.00.

GOATS: BY THE HEAD, MED/LRGE NANNIES AND BILLIES 57.50-92.50, FANCY KIDS 49.00-65.00.

LAMBS: GOOD AND CHOICE 50-100 LBS. 92.50-130.00, 110-130 LBS. 83.00-91.00.

SALE EVERY TUES 5:30 P.M. FOR RABBITS, POULTRY AND EGGS, 6:30 P.M. FOR LIVESTOCK, STARTING WITH CALVES.

EARLYBIRD PENS FOR CATTLE, COWS, AND HOGS CLOSE EVERY TUES. AT 2 P.M. FOR PREMIUM PRICES, USE THESE PENS.

NEXT SPECIAL FEEDER AND FED CATTLE SALE TUES., JAN. 6 AND 20. SALE TIME APPROXIMATELY 7:30 P.M.

PEN LOTS OF CATTLE WILL BE SOLD IN ORDER RECEIVED.

NEXT STATE GRADED FEEDER PIG SALE FRIDAY, JAN. 9. RECEIVING 6-11 A.M. SALE TIME 1:30 P.M.

Morrison Cove Livestock

Martinsburg, Pa.

December 29, 1997

Report supplied by auction

CATTLE 206. STEERS CHOICE 65.00-68.75; GOOD 60.50-63.75.

HEIFERS: CHOICE 64.50-68.00; GOOD 56.00-63.00.

COWS: UTILITY & COMMERCIAL 33.50-41.00; CANNER & LOW CUTTER 22.00-33.00.

BULLOCKS: 46.00-52.00.

BULLS: YIELD GRADE NO. 1 38.00-46.50.

FEEDER CATTLE: STEERS 47.00-61.00; BULLS 43.00-55.00; HEIFERS 33.00-61.00.

CALVES 124. PRIME, NO MKT. TEST; CHOICE 72.00-82.00; GOOD 52.00-59.00; STANDARD 15.00-30.00; HOLSTEIN BULLS 90-130 LBS. 45.00-90.00; HOLSTEIN HEIFERS 90-130 LBS. 50.00-100.00.

HOGS: 167. US NO. 1-2 36.00-37.00; US NO. 1-3 35.00-36.00.

SOWS: US NO. 1-3 30.00-37.00.

BOARS: 22.00-28.00.

FEEDER PIGS: 4 HEAD. US#1&3 20-50 LBS. 19.00-28.00.

SHEEP: 31 HEAD. CHOICE LAMBS 83.00-104.00; GOOD LAMBS 67.00-81.00; SLAUGHTER EWES, NO MARKET TEST.

GOATS: 40.00-140.00.

Hay And Straw Sales Will Start At 10 A.M. Every Wed.

GOOD'S AUCTION

11 North Maple Ave.
Leola, PA 17540
717-656-8911
717-656-9558

WHAT'S AHEAD FOR
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The risk of loss in trading futures and options on futures can be substantial Futures and options trading may not be suitable for everyone You should carefully consider the risks in light of your financial condition in deciding whether to trade

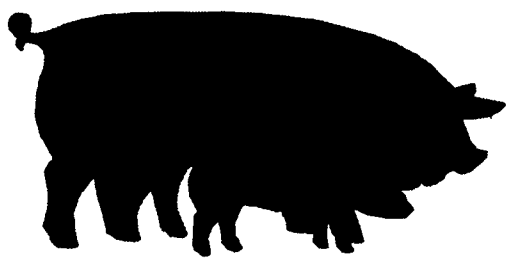
A&C Diffenbach Auction Inc.

100 West Jackson Street • New Holland, Pennsylvania 17557
Office: (717) 355-7253 • FAX: (717) 355-9547

HAY & GRAIN SALE EVERY MONDAY - 10:00 A.M.

WED	JAN. 7	WINROSS, HESS, FARM & TOYS	6 30 PM
FRI	JAN 9	TRACS , FARM EQUIP, & SUPPLIES	9 00 AM
TUES	JAN 20	QUILT, CRAFT & BUGGIES	9 00 AM
WED	JAN 21	QUILT & CRAFT	9 00 AM

EQUIPPED FOR AN AUCTION AT YOUR PLACE OR OURS
ALAN DIFFENBACH AUCT.-AU2258-L



• MARKET HOGS
• BOARS
• SOWS
• CULL PIGS

GOOD'S LIVESTOCK, INC.

Monday 6:30-11:00 A.M.
Friday 6:30-10:00 A.M.

HATFIELD

Route 897 • 1 Mile North of Fivepointville, Denver, Pa
(717) 445-5776 • Fax (717) 445-6963

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

Livestock Is Our Only Business

MONDAY

SLAUGHTER HOGS
EARLY BIRD HOG SALE
7:30 A.M.
Sell Your Hogs At New Holland Sales Stables Inc
See them weighed, sold and pickup your check

10:00 A.M.
HORSES
MULES

9:00 A.M.
SHEEP, GOATS & CALVES

1:30 P.M.
BEEF SALE

THURSDAY

Beef Auction 10:00 A.M.

BULLS, STEERS, BEEF COWS

1:00 P.M.
STOCKERS & FEEDERS

10:00 A.M.
GOATS, SHEEP
CALVES

WEDNESDAY

HEIFER SALE 11:00 A.M.
COW SALE 12:00 NOON

HEIFERS BULLS

DAIRY COWS

We have the usual run of 50 to 100 Heifers, all ages Loads of fresh cows and springers from our regular shippers Also some local fresh cows and springers

1:30 P.M.
FEEDER PIG SALE

Pigs are accepted after 6 30 A M State graded from 8 to 12 Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection

NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb- 717-397-5538
Sale Barn Office Manager:
Roger Floyd- 717-354-4341
FAX #717-355-0706
Order Buyer:
Paul Good - 215-445-6662

Field Representatives For Beef and Feeders:
Luke Eberly - 610-267-6608, 717-738-1865
Homer Eberly - 610-267-3047
Nevin Martin - 717-354-7186
Ron Ranck - 717-656-9849
Field Representatives For Goats, Sheep & Calves:
Ken Smoker - 610-593-2123

EIGHTY-FOUR LIVESTOCK SALES, INC
EIGHTY-FOUR, PA
December 29, 1997

CATTLE 197. .[PDA]..Compared with last week's sale. .slaughter cows steady to 2 00 higher.

SLAUGHTER HEIFERS: Standard 33 00-39 75, few to 44.50.

COWS Breaking Utility and Commercial 35 50-39.00, Yield Grade 4 & 5 29 75-36 00, Cutter and Boning Utility 32 00-36.00, Canner and Low Cutter 25 00-31.50. Shells down to 20.00

BULLS: few Yield Grade No 1 1395/1825 lbs 42.50-48.50, few No 2 1365/2000 lbs 34.75-38.00.

FEEDER CATTLE: STEERS: Medium & Large Frame No 1 300/700 lbs 65.00-82.00, few Medium & Large Frame No 2 400/925 lbs. 43.50-58.00

HEIFERS: Medium & Large Frame No 1 325/575 lbs. 60 00-68 00, Medium & Large Frame No. 2 275/700 lbs 35.00-60 00, few to 30 00, BULLS: few Medium & Large Frame No. 1 250/600 lbs. 63 00-78 00, few Medium & Large Frame No 2 300/750 lbs 33.00-61.00.

CALVES 164...VEALERS. Standard and Good 90/115 lbs. 16 00-32 50, 65/85 lbs 15 00-25 00, Utility 55/95 lbs 5 00-14 00.

FARM CALVES: Holstein bulls steady to 10 00 higher.. No 1 Holstein bulls 90/130 lbs 80.00-117.50 mostly 90 00-115 00, No 2 80/115 lbs 32 50-75 00, few No 1 Holstein heifers 90/110 lbs 105 00-140.00, few No 2 85/100 lbs 35 00-85 00.

Beef cross bulls and heifers 85/110 lbs 35 00-72 50

HOGS 63.. Barrows and gilts steady to 3 00 lower

BARROWS AND GILTS US 1-3 225/260 lbs 35 75-38 50, US 2-3 250/310 lbs 34 00-35.50, US 1-3 135/170 lbs 33 50-34.25

SOWS US 1-3 350/485 lbs 25 00-30 50, 515/640 lbs 25 00-30.50

BOARS: few 215/300 lbs. 20.00-22.00.

FEEDER PIGS 7...US 1-3 78/88 lbs 29.00-30.00. --- per head

SHEEP 69...Slaughter lambs steady to 25.00 higher.

SLAUGHTER LAMBS: Choice 30/70 lbs. 100.00-142.00, 80/95 lbs 93.00-117 00, Good and Choice 75/100 lbs 62.50-76.00.

SLAUGHTER SHEEP 26.00-48.00

GOATS 12. Few Nannies 120/135 lbs 45 00-53.00 --- per cwt Medium 49.00-41.00, Large Kids 17.00-28.00 --- per head.

NEW WILMINGTON LIVESTOCK AUCTION
NEW WILMINGTON, PA
December 29, 1997

CATTLE 97. [PDA]...Compared with last week's sale .sl. cows 50 to 1.50 higher

SLAUGHTER STEERS: few Standard 43.75-49 00

HEIFERS: one Select @ 55.00.

COWS Breaking Utility and Commercial 35.25-39.00, one @ 42 00, Cutter and Boning Utility 29.00-36.50, Canner and Low Cutter 25.50-30 00 Shells down to 18.00.

BULLS: one Yield Grade No 1 1645 lbs. @ 42 75

CALVES 162. VEALERS: Standard and Good 75/130 lbs 17 50-31 00, Utility 55/95 lbs 4.00-17 50

FARM CALVES No 1 Holstein bulls 120/125 lbs. 99.00, 95/115 lbs 113.00-115.00, 85/90 lbs 64 00-85.00, No. 2 85/145 lbs. 30.00-100 00, few No. 1 Holstein heifers 90/100 lbs. 102.50-110.00, few No 2 90/120 lbs 70 00-92 50 Few beef cross bulls and heifers 85/100 lbs 30 00-80 00

HOGS 205 Barrows and gilts 2 50 to 3 50 lower

BARROWS AND GILTS. US 1-2 220/250 lbs 34 00-35 50, one large lot 37 00, US 1-3 220/270 lbs. 33 50-34.25, US 2-3 210/275 lbs. 32 00-34 00, few US 1-3 185/200 lbs 32.00-35.00

SOWS: US 1-3 335/675 lbs. 28 00-35.00.

BOARS: few 210/255 lbs. 22.00-26.00, one 380 lbs @ 22 00.

FEEDER PIGS 46. .US 1-3 25/45 lbs 20.00-42.50, few US 1-3 50/80 lbs 57.00-63.00. --- per head.

SHEEP 53...SLAUGHTER LAMBS: Choice 100/130 lbs. 65 00-80 00, 85/100 lbs 80.00-91 00, 45/85 lbs 100.00-121.00

NEW CROP LAMBS Choice 40/65 lbs 110 00-127.00.

SLAUGHTER LAMBS: 25.00-63.00

GOATS 23...Couple Large Billies 92.50 & 97 50, Medium & Small 27.50-45.00, Large Nannies 50.00-64 00, few Large Kids 21 00-30.00, few Small 12 50-16.00. --- per head.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, December 29, 1997
Report Supplied By Auction

133 HEAD. MARKET STRONGER.
WORK HORSES 850.00-1175.00.
DRIVING 405.00-1200.00.
RIDING 460.00-850.00, 3 HEAD 910.00-1025.00.
KILLERS, 1 AT 800.00, HEAVYWEIGHTS 640.00-725.00, LIGHTWEIGHTS 410.00-585.00.
PONIES 110.00-375.00.
LARGE PONIES 420.00-475.00.
COLTS 185.00-375.00.

Leesport Livestock

Leesport, PA
Wednesday, Dec. 31, 1997
Report Supplied by PDA

CATTLE 283...PDA...SUPPLY INCLUDED 151 FED STEERS AND HEIFERS, 17 FEEDER CATTLE. COMPARED WITH 12/17 SALE.. STEERS STEADY, COWS WEK TO 1.00 LOWER. STEERS: CHOICE 1070-1480 LBS. 63.75-66.75, SELECT 68.25-64.00, HOLSTEINS: CHOICE 1210-1615 LBS. 57.00-62.60, SELECT 60.00-67.26, STANDARD 39.75-49.25. HEIFERS: CHOICE 1105-1480 LBS. 61.25-65.75. COWS: BREAKING UTILITY & COMMERCIAL 36.50-43.00, CUTTER & BONING UTILITY 31.50-38.00, CANNER & LOW CUTTER 26.60-34.25, SHELLS 10.00-27.50. BULLS: FEW YIELD GRADE #1 1310-1700 LBS. 43.00-49.50. BULLOCKS: COUPLE 48.00 & 52.60. FEEDER CATTLE: FEW STEERS AND HEIFERS 355-630 LBS. 67.60-70.00.

CALVES: 215: FEW GOOD TO CHOICE VEALERS 70.00-85.00, STANDARD & GOOD 70-115 LBS. 30.00-35.00, UTILITY 50-115 LBS. 8.00-30.00. FARM CALVES: #1 HOLSTEIN BULLS 90-125 LBS. 80.00-120.00, #2 BULLS 85-115 LBS. 45.00-90.00, #1 HOLSTEIN HEIFERS 90-125 LBS. 85.00-110.00, BEEF CROSS BULLS & HEIFERS 80-105 LBS. 40.00-80.00.

HOGS: 142. BARROWS & GILTS. COMPARED TO 12-17 SALE 4.00-5.00 LOWER. BARROWS & GILTS US 1-3 227-262 LBS. 32.50-34.75. SOWS: FEW US 1-3 395-505 LBS. 28.25-30.00. BOARS: 19.00.

FEEDER PIGS: 68. US 1-3 ONE LOT 66 LBS. 62.00 PER CWS.

SHEEP: 12. LAMBS CHOICE 95-160 LBS. 70.00-90.00, SLAUGHTER SHEEP 30.00-52.50.

GOATS: 2. SMALL NANNY 20.00, ONE BILLY 100.00 PER HEAD.

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's last week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania.

Remember, these are averages, so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No.2y — 3.06 bu., 5.48 cwt.

Wheat, No. 2 — 3.31 bu., 5.53 cwt.

Barley, No. 3 — 2.32 bu., 4.96 cwt.

Oats, No. 2 — 1.73 bu., 5.40 cwt.

Soybeans, No. 1 — 6.64 bu., 11.08 cwt.

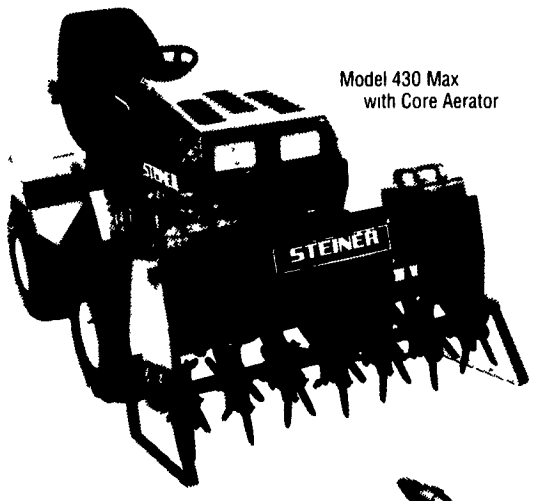
Ear Corn — 82.04 ton, 4.10 cwt.

Alfalfa Hay — 153.75 ton, 7.69 cwt.

Mixed Hay — 144.50 ton, 7.23 cwt.

Timothy Hay — 143.75 ton, 7.19 cwt.

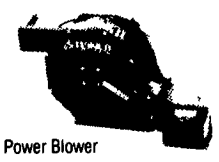
It's better at 20 different jobs than most tractors are at one.



Model 430 Max with Core Aerator

Sure, the Steiner 430 Max is a great turf tractor, with constant four-wheel drive, our unique articulated frame and new features that improve

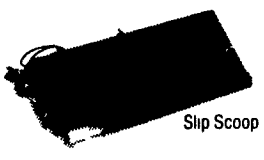
Snow Blower



Power Blower

attachments, which can do the work of 20 single-purpose machines All with the quality and performance that you'd expect from a Steiner Visit your authorized dealer today

driver comfort and control But it's also one of the best snow blowers you can own And, a terrific chipper/shredder Not to mention a mighty fine lawn mower The secret? Steiner Quick-Hitch



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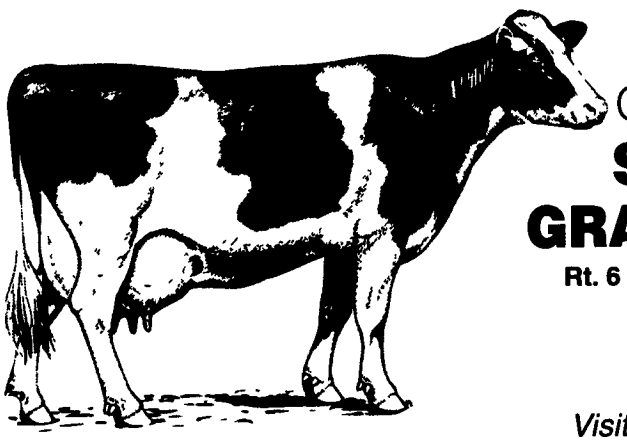

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King Arthur Peppers	5000 min	$19.50/1000
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The OLD FARMER'S THIS WEEK WITH ALMANAC

JANUARY 5-11, 1998

ST. DISTAFF'S DAY, JAN. 7.

EPIPHANY

January 6 is the Feast of Epiphany, or Twelfth Day, the end of the Yule festivities. The word is not specific to Christianity, however, as Zeus's alias, "Epiphanes," can attest. It means "manifest one," from the Greek *epiphaino,* meaning "to shine upon," or "to be manifest."

More recently, Epiphany has come to be associated with the coming of the Magi as the first manifestation of the appearance of Christ to the Gentiles or, in the Eastern Church, as the baptism of Christ. Traditionally, it is a time to remove the Christmas greens, lest bad luck come in where the drying evergreen needles fall.

He who anticipates good fortune risks it by his presumption.

– Spanish proverb

TIP OF THE WEEK

☞ **Immerse frozen plants briefly in water, cover with newspapers, and set them in the dark for a few days. Gradual thawing may save them.**

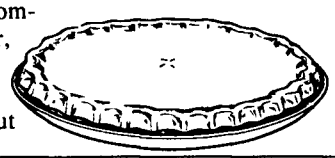
DEEP-DISH PLUM PIE

4 cups diced plums
1 cup sugar
1/4 cup flour
1/4 teaspoon salt
1 tablespoon butter
pie pastry (top only)

pastry to 1/8 inch thick. Moisten pie-dish rim and lay pastry over plums. Seal edges and prick top. Bake at 400° F for approximately 35 minutes.

Makes 6 servings.

Place plums in a deep pie dish. Combine sugar, flour, and salt and sprinkle over plums. Dot with butter Roll out



The OLD FARMER'S WEATHER PROVERBS

When the Moon runs high (January 11) expect unseasonably cold weather.

At Twelfth Day (Jan. 6) the days are lengthened a cock-stride.

As the day lengthens, the cold strengthens.

January warm, the Lord have mercy.

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Friend's Stockyard Inc.

Accident, Md. 21520
Report Supplied by Auction
December 29, 1997

STOCK BULLS AND STEERS (200-500 LBS.) 57.00-77.00.
STOCK HEIFERS: 36.00-60.00.
SLAUGHTER STEERS: GOOD TO CHOICE 62.50-66.00; MEDIUM TO GOOD 58.00-62.00, HEAVY CHOICE OVER 1450 LB. 55.00-63.50.
HOLSTEIN STEERS: HEAVY CHOICE 37.00-52.00, LIGHT 38.00-45.00.
SLAUGHTER HEIFERS: GOOD TO CHOICE 61.50-64.00; MEDIUM TO GOOD 47.00-61.00.
BULLS: HEAVY 35.00-45.50, LIGHT 38.00-40.00.
COWS: UTILITY (HOLSTEIN) 34.00-41.25, COMMERCIAL TO GOOD 31.00-34.00, CULL COWS 30.00 AND DOWN.
VEALS: GOOD TO CHOICE 50.00-65.00, MEDIUM TO GOOD 20.00-46.00.
BOB CALVES: 20.00 AND DOWN.
HOLSTEIN BULL CALVES — RETURN TO FARM (90 TO 120 LB.)-UP TO 106.00.
HOLSTEIN HEIFER CALVES — RETURN TO FARM (90 TO 120 LB.) - UP TO 109.00.
BEEF CROSS CALVES — RETURN TO FARM UP TO 60.00.
HOGS: TOP QUALITY UP TO 44.50, HEAVY UP TO 42.00, LIGHT 30.00-41.00.
SOWS: 30.00-34.00.
MALE HOGS: 25.00-30.00.
LAMBS, LIGHT AND FEEDER, NONE AVAILABLE.
SHEEP: 15.00-38.00.
LIVESTOCK PRICES ARE ALL GIVEN PER HUNDRED WEIGHT!

Lebanon Valley Livestock

Fredericksburg, PA
Dec. 30
Report Supplied by Auction

STEERS CHOICE, NONE; SELECT 1240-1300 LBS. 61.00-63.00.
HOLSTEINS: HIGH CHOICE AND PRIME, NONE.
HEIFERS: SELECT 1200-1300 LBS. 37.00-40.00.
COWS: BREAKING UTILITY AND COMMERCIAL 1400-1600 LBS. 36.50-38.25; CUTTER AND BONING UTILITY 1100-1700 LBS. 32.25-35.50; CANNER AND LOW CUTTER 22.00-25.00; SHELLS 15.00-20.00.
BULLS: YG#2 1665-1900 LBS. 42.00-44.00.
FEEDER CATTLE: STEERS 250-400 LBS. 50.00-65.00; HEIFERS 300-450 LBS. 42.00 AND 48.00 HOLSTEIN HEIFERS.
FARM CALVES: #1 HOLSTEIN BULLS 105-110 LBS. 106.00-112.00, #2 95-105 LBS. 85.00-105.00; #1 HOLSTEIN HEIFERS 100-115 LBS. 112.00-120.00, #2 85-110 LBS. 45.00-75.00; BEEF X BULLS AND HEIFERS 100-110 LBS. 75.00-80.00.
HOGS: BARROWS AND GILTS US#1-2 230-240 LBS. 34.00-36.00.
SOWS: US#1-3 350-500 30.00-32.00.
BOARS 24.00-26.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, December 31, 1997
Report supplied by auction

93 DAIRY COWS, 141 HEIFERS, 4 BULLS. MARKET STRONGER.
LOCAL FRESH COWS 360.00-985.00, FEW 1175.00-1250.00.
LOCAL SPRINGERS 550.00-1275.00.
FRESH HEIFERS 350.00-950.00, FEW 1010.00-1175.00.
UPSTATE LOADS FRESH 975.00-1200.00, FEW 1350.00-1500.00.
BETTER FRESH COWS 1350.00-1500.00.
SPRINGING HEIFERS LARGE 950.00-1150.00, SMALL 500.00-810.00.
SHORTBRED HEIFERS 300.00-735.00.
OPEN BREEDING AGE HEIFERS 525.00-675.00.
SMALL OPEN HEIFERS 360.00-425.00.
BULLS 400.00-500.00.

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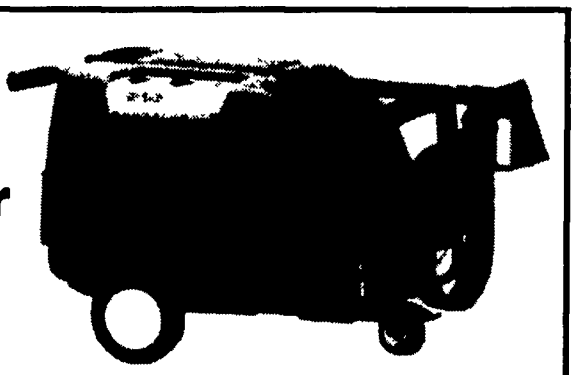

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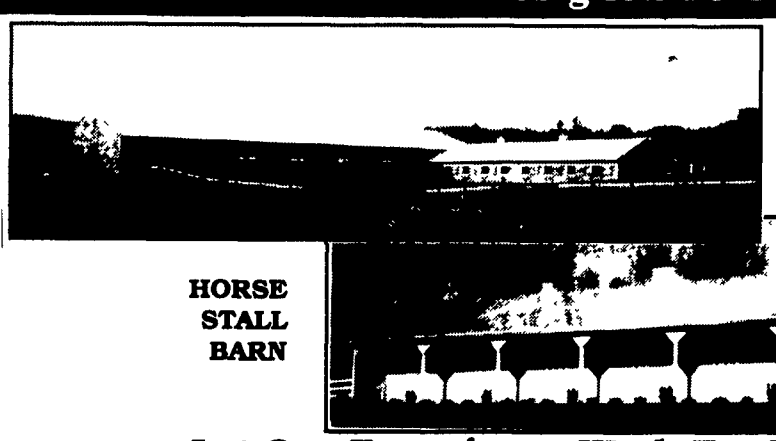

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Central U.S. Carlot

Pork Report
December 30, 1997
Report supplied by USDA

COMPARED TO TUESDAY'S 3 P.M. CLOSE: FRESH LOINS 2.00-3.00 LOWER; BUTTS MOSTLY 3.00 LOWER; SKND. HAMS STEADY TO 1.00 LOWER; SDLS. BELLIES STEADY TO 2.00 LOWER; LEAN TRIMMINGS STEADY TO 2.00 LOWER. TRADING ACTIVE, WITH LIGHT TO MODERATE DEMAND AND HEAVY OFFERINGS.
LOADS PORK CUTS: 154.13.
LOADS TRIM/PROCESS PORK: 86.75.

PORK CUTS
LOINS, REG., FRESH

14-18 LBS. *, 25.5 LOADS, RANGE 69.00-82.00, WGHTD. AVG. 76.92.

¼" TRIM 14-18 LBS., 16.5 LOADS, RANGE 88.00-99.00, WGHTD. AVG. 95.30.

¼" TRM/LESS 14-18 LBS., 9.0 LOADS, RANGE 105.00-108.00, WGHTD. AVG. 105.33.

18-22 LBS. * RANGE 72.00-73.00, WGHTD. AVG. 72.33 C.

¼" TRM 18-22 LBS., RANGE 92.00-93.00, WGHTD. AVG. 92.33 C.

COMBOS 22 LBS. AND UP, 1.0 LOADS, RANGE 61.00, WGHTD. AVG. 61.00.

LOIN, BNLS, CNTR CUT

5-9 LBS. STRAP-ON, 3.0 LOADS, RANGE 155.00-167.00, WGHTD. AVG. 159.00.

5-9 LB. STRAP-OFF, 3.0 LOADS, RANGE 169.00, WGHTD. AVG. 169.00.

BNLS SIRLOIN .75-1 LB.

1.5 LOADS, RANGE 110.00-112.00, WGHTD. AVG. 110.67.

TENDERLOIN 1.25 LBS. AND DOWN

0.13 LOADS, RANGE 262.00, WGHTD. AVG. 262.00.

PICNIC, FRESH

SMKR TRM, SS, BOXED, 2.0 LOADS, RANGE 64.00-71.00, WGHTD. AVG. 67.50.

COMMODITY 4-8 LBS., RANGE 35.00, WGHTD. AVG. 35.00 B.

BOSTON BUTT

4-8 LBS. *, 21.0 LOADS, RANGE 47.00-52.00, WGHTD. AVG. 49.19.

¼" TRIM 4-8 LBS., 21.0 LOADS, RANGE 65.00-71.00, WGHTD. AVG. 67.79.

SPARERIBS, FRESH

1.5-3.5 LBS., 1.0 LOADS, RANGE 114.00, WGHTD. AVG. 114.00.

3.5-5.5 LBS., RANGE 89.00-90.00, WGHTD. AVG. 89.50 C.

LOIN BACKRIB (BOXED) FRSH/FRZN

1.75-2 LBS., 0.5 LOADS, RANGE 242.00, WGHTD. AVG. 242.00.

HAM, SKINNED, SELECTED

FRESH 17-20 LBS., 7.0 LOADS, RANGE 50.00-52.00, WGHTD. AVG. 51.43.

FRESH 20-26 LBS., 47.0 LOADS, RANGE 39.00-47.00, WGHTD. AVG. 42.79.

HAM, SKINNED, COMMODITY

FRESH 20-26 LBS., RANGE 45.00, WGHTD. AVG. 45.00 A.

BELLY, SDLS, SKIN-ON, FRESH

FRESH 10-12 LBS., 3.0 LOADS, RANGE 32.00-33.00, WGHTD. AVG. 32.33.

FRESH 12-14 LBS., 6.5 LOADS, RANGE 40.00-42.00, WGHTD. AVG. 40.92.

FRESH 14-16 LBS., 20.5 LOADS, RANGE 40.00-43.50, WGHTD. AVG. 42.05.

FRESH 16-18 LBS., 11.5 LOADS, RANGE 38.00-40.50, WGHTD. AVG. 39.35.

FRESH 18-20 LBS., RANGE 30.00, WGHTD. AVG. 30.00 B.

FRESH 20-25 LBS., RANGE 28.00, WGHTD. AVG. 28.00 C.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 17.5 LOADS, RANGE 18.00, WGHTD. AVG. 18.00.

COMBO 72% FRESH, 58.0 LOADS, RANGE 38.00-40.00, WGHTD. AVG. 38.84.

BOXED 72% FROZEN, 6.0 LOADS, RANGE 47.00, WGHTD. AVG. 47.00.

PICNIC CUSHION MEAT

COMBO 92% FRESH, 0.25 LOADS, RANGE 106.00, WGHTD. AVG. 106.00.

BONELESS PICNIC MEAT

COMBO 72% FRESH, 2.0 LOADS, RANGE 46.00, WGHTD. AVG. 46.00.

BOXED 72% FROZEN, RANGE 54.00, WGHTD. AVG. 54.00 A.

SKINNED JOWLS

COMBO FRESH, 3.0 LOADS, RANGE 18.00, WGHTD. AVG. 18.00.

BOXED FROZEN, RANGE 26.00, WGHTD. AVG. 26.00 C.

NOTE! (*)REFLECTS ¼" OR ½" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

USDA PORK CARCASS CUTOUT DEC. 30

ESTIMATED GROSS CUTOUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES.

TUES.'S CARCASS GRADES AND PRICES PER CWT.:

US#1 53.76, CHANGE FROM MON.'S VALUE -0.68; US#2 52.30, CHANGE FROM MON.'S VALUE -0.67; US#3 50.85, CHANGE FROM MON.'S VALUE -0.65; US#4 49.40, CHANGE FROM MON.'S VALUE -0.62.

TODAY'S CALCULATIONS FOR US #2 175 LB. PORK CARCASS:

SKINNED HAMS 14-20 LBS., 21.01% OF CARCASS, 51.50 FOB VALUE, 1.00 CHANGE FROM MON.; LOINS, ¼" TRIM 14-22 LBS., 20.33% OF CARCASS, 97.00 FOB VALUE, -2.00 CHANGE FROM MON.

BELLIES, SDLS. 12-14 LBS., 13.90% OF CARCASS, 41.00 FOB VALUE, -1.00 CHANGE FROM MON.; SPARERIBS 3.5 LBS. AND DOWN, 3.03% OF CARCASS, 114.00 FOB VALUE.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, 34.50 FOB VALUE; BUTTS, ¼" TRIM 4-8 LBS., 7.25% OF CARCASS, 68.00 FOB VALUE, -4.00 CHANGE FROM MON.

JOWL, 2.85% OF CARCASS, 18.00 FOB VALUE; NECKBONES, 1.52% OF CARCASS, 14.00.

FEET, 1.05% OF CARCASS, 23.00 FOB VALUE, -1.50 CHANGE FROM MON.; TAILS, 0.22% OF CARCASS, FOB VALUE 48.00.

TRIM 72%, 2.19%, 39.00 FOB VALUE, -1.00 CHANGE FROM MON.; LARD, 10.85% OF CARCASS, 20.25 FOB VALUE.

TOTAL CARCASS 94.51%.

US#2 CARCASS VALUE PER CWT 52.30.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

SOURCE: USDA MARKET NEWS, DES MOINES, IA.

Some markets not available due to the holiday

Dewart Hay & Livestock

Dewart, Pa.
Monday, December 29, 1997
Report Supplied by Auction

STEERS: 50.00-66.50.
HEIFERS: TOO FEW TO QUOTE.
GOOD COWS: 32.00-41.75.
CANNERS AND CUTTERS 22.00-32.00.
BULLS: 38.00-42.75.
VEAL 130-190 LBS. 80.00-120.00, 90-130 LBS. 20.00-80.00.
HOGS: 36.00-40.00.
SOWS: NONE.
FEEDER PIGS: 15.00-39.00 HEAD.
HAY: 51.00-150.00.
STRAW: 55.00-87.50.
WOOD: 15.00-60.00 LOAD.
CORN: 1 LOAD AT 90.00.
OATS: 2.40-2.55 BU.

North Jersey Livestock

Hackettstown, NJ
Report Supplied by Auction
Tuesday, December 30, 1997

CALVES .05-1.22½.
COWS .15½-.43½.
EASY COWS .14½-28½.
FEEDERS 300-600 LBS. .44-1.01.
HEIFERS .38-.60.
BULLS .35-.55.
STEERS .41-.65.
HOGS .36-.46.
BOARS .27.
SOWS .22.
SHEEP .25-.80.
LAMBS EACH 10.00-100.00.
LAMBS PER LB. .53-1.46.
GOATS EACH 80.00-165.00.
KIDS EACH 10.00-100.00.
HIDES EACH 21.00.
TOTAL: 761.

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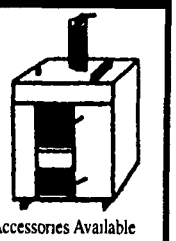

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OPINION

See You At The Farm Show

With the new year comes the time for snow. At least that's the thought for those who annually attend the Pennsylvania Farm Show. But even if the weather is frightful, the show will undoubtedly be delightful. This has become one of the most publicized farm events in the East. And while it takes extra effort to show farm animals in January, many livestock exhibitors brave the cold to show their prize animals because of the potential public exposure a champion will receive.

In addition to the opportunities for farmers to visit with friends and see the new machinery and services the commercial exhibitors have to offer, the event has become a major showcase for agriculture to both local consumers and buyers of foreign exportable farm commodities.

Again, a major event to be held in conjunction with the show will be the special International Celebration to begin even before the show is open to the local public. Gov. Tom Ridge, along with State Ag Secretary Sam Hayes, Jr., plans to be personally involved with helping to show the 200 expected international visitors the quality and diversity of Pennsylvania agriculture.

Since 1917, the Farm Show has been the focus of agriculture in the Keystone State. Over the years the emphasis has changed with the changing conditions in agriculture. But always the program and event schedule has been dedicated to promote Pennsylvania's number one industry: agriculture.

Next Saturday Gov. Ridge is scheduled to officially open the show. And once again all those with an interest in farming will have the opportunity to visit the premier ag show of the year. We hope to see you there.

Now Is The Time

By John Schwartz

Lancaster County Agricultural Agent

To Focus On Priorities

With dairy profit margins now being tight, it is time to focus on priorities, according to Glenn Shirk, Lancaster County Extension Dairy Agent. One area to focus on is cost control. When feed is scarce and you need to purchase more feed, make the best use of your feeds.

Sell unprofitable cows and contract heifers out to a good grower in order to reduce feed needs. This will also make more feed available for your best cows. Feed a balanced ration, use good feeding techniques and avoid over feeding a lot of expensive feeds and additives. Take advantage of price breaks, bulk discounts and lower price feed alternatives.

To Manage Cow Investment

Glenn Shirk, Lancaster County Extension Dairy Agent, reminds us of the importance of protecting your investment in cows. They are your income producing base. Take a good look at your involuntary culling rate, your herd health program, your heifer program and your dry cow program.

Take a good look at your management practices. Are you maintaining high production by culling your problems rather than fixing them and preventing the problems in the first place? If so, that is a very, very costly practice. Instead, focus on the areas that set the stage for good herd health, longevity, good production and conception.

Develop and implement programs for good health, good cow comfort, good nutrition, good genetics and for good management of heifers and dry cows.

To Know The Facts

A recent newspaper article reported on a science fair project that a freshman won first prize. The student wanted to know how gullible people have become as a result of the alarmist ability to receive news media attention.

In his project, the student urged people to sign a petition demanding strict control or total elimination of the chemical dihydrogen monoxide.

His petition stated that dihydrogen monoxide caused excessive sweating and vomiting, is the major component of acid rain, causes severe burns in the gaseous state, accidental inhalation can kill, contributes to erosion, decreases the effectiveness of automobile brakes and has been found in the tumors of terminal cancer patients.

His test group included 50 people. Eighty six per cent thought it should be banned and signed the petition. Twelve per cent were undecided. Only one person was able to identify the chemical dihydrogen (two hydrogen) monoxide (one oxygen) as H2O or water.

Feather Prof.'s Footnote: "Do not just think about it, do it!"

❖ FARM CALENDAR ❖

Saturday, January 3

Sunday, January 4

Retirement Reception for William A. Reagan, Franklin County Senior Extension Agent, St. John's United Church of Christ, Chambersburg, 2 p.m.-4 p.m.

Monday, January 5

Crop Pest Update, Blairsville Grange Hall, 10:20 a.m.-2 p.m.

Crop Pest Update, Worthington Fire Hall, 7 p.m.-9 p.m.

Sharing A Night With A Legislator, Tulpehocken Adult/Young Farmer Educational Session, Tulpehocken High School, 7:30 p.m.

Wills and Estate Planning, Octorara Area Young Farmers Association, Octorara High School, 7:30 p.m.

Tuesday, January 6

Pesticide Update Meeting For Ephrata Area Young Farmers, Family Time Restaurant, 6:45 p.m.

Franklin County Dairy Day, Kauffman's Community Center, 9:35 a.m.-2:30 p.m.

Bucks/Montgomery County Dairy Day, Family Heritage Restaurant, Franconia, 9:30 a.m.-3 p.m.

Lancaster County Tobacco Show, Farm and Home Center, judging 1 p.m.

Meeting on the Deregulation of Electrical Energy, Clarion County Extension Office, 7:30 p.m.

Keystone Farm Show, York Fairgrounds, thru Jan. 7.

Eastern Pa. Turf Conference and Trade Show, Valley Forge Convention Center, King of Prussia, thru Jan. 8.

Wednesday, January 7

Crop Planning Workshop, Hugo's Restaurant, Brownsville, 9:30 a.m.-3:30 p.m.

Berks County Dairy Day, Berks County Ag Center, Leesport.

Reproductive meeting, Adams County extension office, 9:30 a.m.-noon.

Options Workshop, Lebanon Valley Ag Center, 7 p.m., also Jan. 21.

Thursday, January 8

Chester County Dairy Day, Oxford Fire Hall, Oxford.

NYS Ag Society Annual Meeting, Four Points Sheraton/ITT, Liverpool.

Leola Produce Auction meeting, Bareville Fire Hall, 12:30 p.m.-3 p.m.

Clarion County Dairy Management Meeting, extension office, 1 p.m.-3 p.m.

Kutztown Produce Auction Educational Event, Getting The Most From the Drive-Through Auction, Kutztown Produce Auction, 7 p.m.

Friday, January 9

Schuylkill County Dairy Day, Penn State Schuylkill Campus, Schuylkill Haven, 9:30 a.m.-2:30 p.m.

Basics of Managing A Dairy Farm Business, Lancaster Farm and Home Center, Lancaster, 10 a.m.

Saturday, January 10

Pa. State Farm Show, Farm Show Complex, Harrisburg, thru Jan. 15.

Sunday, January 11

American Farm Bureau Federation Convention, Charlotte Convention, Charlotte, N.C., thru Jan. 15.

Monday, January 12

Tuesday, January 13

Reducing Risk On The Farm Seminar Series, Morrison's Cove Memorial Park, also Jan. 20 and Feb. 10, 10 a.m.-3 p.m.

Vegetable Update Meeting, Carroll County Extension Office, Westminster, Md., 9 a.m.-2 p.m.

Wednesday, January 14

Farm Production Management Workshops, York County Extension, thru Jan. 15.

Fundamentals of Soil Science, Neshaminy Manor Center, Doylestown, 7:30 p.m.-9:30 p.m., also Jan. 21 and 28 and Feb. 4, 11, 18, 25 and March 4.

Thursday, January 15

Risk Management/Grain Marketing Seminar, Adams County Extension Office, 9 a.m.-3 p.m.

Weed Management School, Lebanon Valley Ag Center, 9:30 a.m.-3 p.m.

Basics of Managing A Dairy Farm Business, Stephen S. Stoltzfus Farm, New Holland, also Jan. 22.

Friday, January 16

Franklin County Holstein Association annual meeting, Gibbles Restaurant, 7 p.m.

(Turn to Page A27)

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

THE INHERITANCE
January 4, 1998

Background Scripture:
1 Peter 1:3-22
Devotional Reading:
Hebrews 11: 1-12

I inherited from my parents what remained of their collection of old photographs. The last few weeks I have been sorting them out, identifying them and placing them into one or more photo albums along with my own photos that span the years between 1930 and the present.

Working with these photographs has caused me to ruminate on my family inheritance. I don't mean a material inheritance-money, property, investments-but the more lasting kind that can be passed on from generation to generation by the force of personal influence. I have concluded that I am heir to a very rich inheritance.

Working with these photographs has also made me reflective. I look at the photos of me at two months, two years, six, twelve and so on, comparing those images with the man I see every morning when I shave. Is there any continuity between them? Anything left of the youthful idealism and superficial confidence?

DANGEROUS PHOTOS

Old photographs can be dangerous if they lead us to live in the past. That is truly a sign of old age, although not maturity. Just as the young seem to live only for the future, the elderly appear to live too much in the past. But, no matter how wonderful or how disappointing our pasts may have been, the power for living here and now is not to be found in the past.

Actually, maturity has nothing to do with chronological age. The meaning of life is based upon a hope that far transcends any of those upon which I have trusted over the years. As a youth I had great hopes for myself. I wouldn't make the mistakes and commit the sins I saw all around me. I would never be prejudiced or intolerant, never hurtful to others, never negligent in my responsibilities.The gospel and I (maybe not in that order) would transform the church and save society.

Looking back, I can see that none of those hopes were truly realized. On that basis, I should be very disillusioned. But I am not! For I have found a hope that does not fade with time. 1 Peter 1:3,4 says it more eloquently. "By his great mercy we have been born anew to a living hope through the resurrection of Jesus Christ...and to an inheritance which is imperishable, undefiled, and unfading..."

A LIVING HOPE

Everything else in which I have trusted has proven to be perishable, corruptible, and inconstant-myself, others, ideologies, society, yes even churches. The only "living hope" I have is the inheritance that is offered to all of us: "his great mercy." Everything in this world decays, is destroyed or violated, but our inheritance-salvation through the mercy of God- is "kept in heaven" for us where, us Jesus said, "neither moth nor rust consumes and where thieves do not break in and steal" (Mt. 7:20).

1 Peter says, "In this you rejoice, though now for a little while you may have to suffer various trials, so that the genuineness of your faith...may redound to praise and honor at the revelation of Jesus Christ" (1:7) Our hope is not that we can avoid the failures of the past of the trials of the present, but that there is a salvation awaiting us beyond both past and present.

Maybe as youth we do not truly appreciate the good news of salvation because we do not yet realize how truly we need salvation and how impotent everything else is to provide it. In our early years we see salvation in many directions. It is only in time that we find that each of these, save one, is a blind alley. So, betrayed by so many salvations we can see, we may come to trust in one we cannot: "Without having seen him you love him; though you do not now see him you believe in him and rejoice with unutterable and exalted joy" (1 Peter 1:8)

In the *Oxford Annotated Bible* there is a footnote: "*Inheritance* expresses the forward-looking character of the Christian life; the greater part of the riches is yet to come." That is our inheritance; a "living hope" that the really best-imperishable, undefiled and unfading-is yet to be.

Lancaster Farming
Established 1955
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-by-
Lancaster Farming, Inc.
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Robert G. Campbell General Manager
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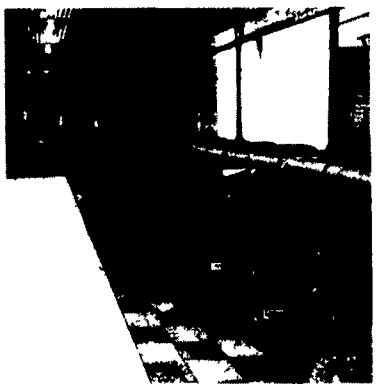

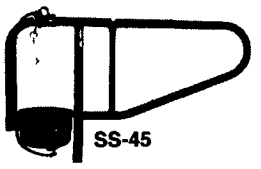
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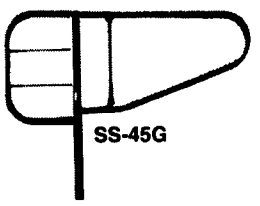
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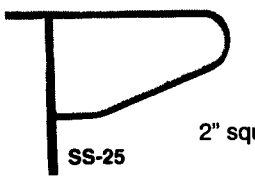
SS-25

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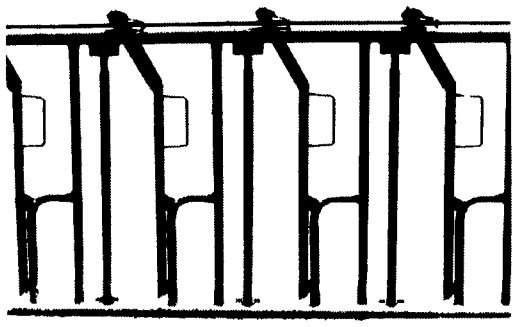
Finished with TGIC Polyester Powder Coating...Superior to Epoxy!



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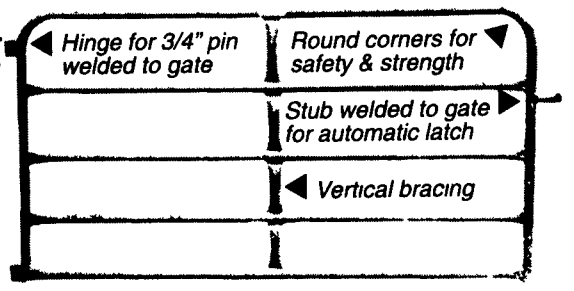
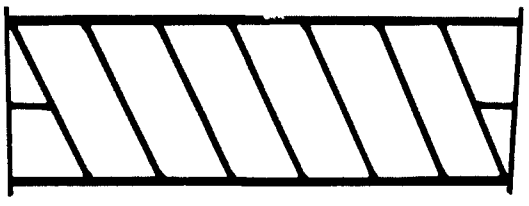
All Gates & Fencing manufactured of 1.9" outside diameter high yield steel tubing with 13 gauge wall.

13 gauge steel is 15% heavier than 14 gauge, 45% heavier than 16 gauge & 85% heavier than 18 gauge.


Hinge for 3/4" pin welded to gate
Round corners for safety & strength
Stub welded to gate for automatic latch
Vertical bracing



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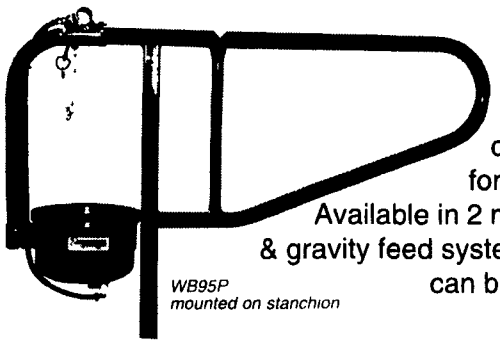
Custom Built to Any Length

Bring Your Cows To The Super Bowl

Increase Milk Production Naturally!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CLOUDY 35-43

NA—FV010

CITRUS FRUITS ---GRAPEFRUIT: MARKET ABOUT STEADY 4/5 buctns FL Indian River Red 23s 9.00 fr appearance 5.00-6.00 27s 9.00 fr appearance 5.00-6.00 32s 9.00 fr appearance 5.00-6.00 36s 9.00 fr appearance 5.00-6.00 40s fr appearance 5.00-6.00 48s fr apppearance 5.00 56s fr apppearance 5.00 ---LEMONS: MARKET ABOUT STEADY ctns AZ 140s 13.00 165s 12.00 200s 12.00 CA 140s fr qual 13.00 165s fr qual 12.00 200s fr qual 12.00 (CORRECTION FOR YESTERDAY'S REPORT. CA 140S, 165S & 200S SHOULD HAVE BEEN AZ) ---LIMES: MARKET ABOUT STEADY 10 lb ctns MX 42s 6.50-7.00 mostly 6.50 48s 6.00-7.00 some 5.50 54s 6.00-7.00 mostly 6.50 some 5.50 63s 5.50-7.00 ---MISC CITRUS: 2.3 kg crts SP BOAT Clementine 24s 3.00-3.50 poor cond .50-1.00 20s 3.00 28s 3.00-3.50 poor cond .50-1.00 32s 3.00-3.50 poor cond .50-1.00 36s 2.50-3.00 poor cond .50-1.00 40s 2.50-3.00 poor cond .50-1.00 2.5 kg crts MR BOAT Clementine 28s 3.00 10 kg crts SP BOAT Clementine 75s 15.00-16.00 82s 15.00-16.00 84s 13.00-14.00 ---ORANGES: MARKET CA HIGHER, FL STEADY. ctns CA Navel 56s 13.00-14.00 fr qual 10.00-11.00 72s 13.00-14.00 fr qual 10.00-11.00 88s 13.00-14.00 fr qual 10.00-11.00 113s 11.00-12.00 fr qual 9.50-10.50 4/5 buctns FL Navel 40s 7.00-8.00 56s 7.00-8.00 64s 7.00-8.00 Hamlins 80s 9.00 100s 8.00 125s 7.00 ---TANGELOS: 4/5 buctns FL Orlando 64s 10.00 80s 10.00 100s 10.00 poor cond 1.00-2.00 Minneola 48s 13.00-15.00 56s 13.00-15.00 64s 13.00-15.00 ---TANGERINES: OFFERINGS INSUFFICIENT TO QUOTE ---TEMPLES: MARKET STEADY 4/5 buctns FL 100s 9.00-11.00 125s 7.00-8.00

BERRIES ---BLUEBERRIES: OFFERINGS LIGHT flts 12 6-oz cups with lids CL AIR med-lge 18.00 ---CRANBERRIES: OFFERINGS INSUFFICIENT TO QUOTE ---MISC BERRIES: OFFERINGS LIGHT flts 12 1/2-pt bkts with lids CL AIR Blackberries 30.00 ---RASPBERRIES: MARKET LOWER flts 12 5.5-oz cups with lids CL AIR Red 20.00-21.00 ---STRAWBERRIES: MARKET LOWER flts 12 1-pt bkts FL med-lge 12.00-15.00 some 18.00 med 8.00-10.00 fr cond 4.00-6.00 ord cond 2.00

MELONS ---CANTALOUPS: MARKET ABOUT STEADY 1/2 ctns AZ 12s 11.00 15s 11.00 HD 12s 11.00 15s 11.00 MX 9s few 12.00 15s 12.00 12.00 ---HONEYDEWS: MARKET ABOUT STEADY 2/3 ctns GU 4s fr qual 7.00 5s 8.00-10.00 mostly 9.00 fr qual 7.00-7.50 6s 10.00 HD 4s 7.50-8.00 5s 8.00-8.50 2/3 jbo ctns GU 6s 10.00 ---MISC MELONS: OFFERINGS INSUFFICIENT TO QUOTE ---WATERMELONS: MARKET ABOUT STEADY ctns per ctn FL Sangria 3s 22.00 4s 20.00 GU Red Seedless 5s 16.00-18.00 mostly 17.00-18.00 6s 12.00-14.00 8s 6.00-7.00 (CORRECTION FOR YESTERDAY'S REPORT:MX 5S SHOULD HAVE READ GU)

NON-CITRUS FRUITS ---APPLES: MARKET ABOUT STEADY ctns trypk CA U.S. ExFcy Fuji 80s 25.00 88s 25.00 100s 25.00 WA WAExFcy Red Delicious 88s 16.50-17.50 100s 17.50-18.50 Fuji 48s 19.00-20.00 56s 19.00-20.00 WAFcy Red Delicious 64s 13.00 80s 13.00 88s 13.00 100s 13.00 113s 14.00 U.S. Fcy Golden Delicious 72s 17.00 80s 17.00 88s 17.00 100s 16.50 113s 16.50 ctns celpk NY U.S. ExFcy Mcintosh 100s 20.00 VT U.S. One Mcintosh 120s 8.00-9.00 ---APRICOTS: OFFERINGS INSUFFICIENT TO QUOTE ---AVOCADOS: MARKET CA LOWER, MX STEADY. ctns 2 lyr CA Hass 48s 28.00-30.00 MX Hass 48s 30.00 60s 29.00 ---BANANAS: MARKET STEADY 40 lb ctns IMPORT 10.00 fair qual 7.00-8.50 40 lb ctns bagged IMPORT 10.00 ctns institutional pk IMPORT petite 13.00 ---CHERRIES: 5 kg ctns CL Bing 10 row sz fr cond 12.00 ---FRUITS OTHER: ctns 1 lyr FL Carambola - Star Fruit 20s 14.00 25s 14.00 30s 14.00 ---GRAPES: MARKET ABOUT STEADY 19 lb lugs bgd CA Ruby Red Seedless med fr cond 8.00 Crimson Seedless med 16.00 NEW CROP 18 lb lugs bgd CL BOAT Perlette sml 12.00-14.00 med-lge 16.00-17.00 med 14.00-16.00 mostly 14.00-15.00 Flame Seedless med-lge 16.00-17.00 med 14.00-16.00 White Seedless Type med-lge 20.00-22.00 mostly 20.00-21.00 Sugraone med 18.00 ---KIWIFRUIT: MARKET ABOUT STEADY flts 1 lyr CA 39s 6.00-7.00 GR 39s 6.00 10 kg cntrs IT 25 sz 17.00 27 sz 17.00 30 sz 17.00 ---MANGOES: ctns 1 lyr BR Tommy Atkins 8s 13.00-14.00 palmer 7s few 13.00 ---NECTARINES: OFFERINGS LIGHT ctns 1 lyr trypk CL BOAT Rio Red 22s fr cond 6.00 ---PAPAYA: 37 lb ctns FL Green Cooking Type 14.00 ---PEACHES: OFFERINGS LIGHT ctns 1 lyr trypk CL BOAT Flavorcrest 22s fr cond 6.00 ---PEARS: MARKET ABOUT STEADY std ctns wrpd OR U.S. One D'Anjou 70s 20.00 fr cond 12.00 80s 20.00 fr cond 12.00 90s 20.00 fr cond 12.00 100s 20.00 fr cond 12.00 110s 20.00 fr cond 12.00 Bosc 70s 20.00 80s 20.00 90s 20.00 100s 18.00 110s 17.00 120s 15.00 WA U.S. One Bartlett 110s fr cond 11.50 D'Anjou 90s 19.00-20.00 100s 19.00-20.00 110s 17.50-18.50 120s 17.50-19.00 135s 16.50-17.50 ---PERSIMMONS: OFFERINGS INSUFFICIENT TO QUOTE ---PINEAPPLES: ctns 2 lyr HD 10s 10.00-12.00 mostly 12.00 12s 10.00-12.00 mostly 12.00 14s 10.00-12.00 mostly 12.00 MX 10s 8.00 ---PLANTAINS: 50 lb ctns CB Yellow 12.00 CR Green 11.00 ---PLUMS: TOO FEW SALES TO QUOTE ---POMEGRANATES: OFFERINGS NONE ---PRUNES: OFFERINGS NONE

Phila. Potato

PHILADELPHIA Terminal
Prices as of 29-DEC-97

Provided by: Fruit and Vegetable Market News, Federal-State Market News Service, USDA.

Phone: (215) 597-4536 Fax: (215) 336-0355

CLOUDY 28-43

NA—FV030

ONIONS AND POTATOES ---ONIONS DRY: MARKET ABOUT STEADY US#1 OR GENERALLY GOOD QUAL AND COND UNLESS OTHERWISE STATED. Yellow Globe Type CD 50 lb sks lge 7.00 NY 50 lb sks lge 7.00-8.00 7.00-8.00 med 6.00-7.00 mostly 6.00 some 5.50 mstr cntr 20 2-lb mshsks med 5.00-6.00 Spanish Hybrid CO 50 lb sks jbo 9.00-10.00 mostly 9.00-9.50 fr cond 8.

00 ID/OR 50 lb sks jbo 9.00-10.00 WA 50 lb sks jbo 9.50 some 10.00 Red NY 25 lb sks lge 8.00-9.00 med 6.00 ---POTATOES: MARKET ABOUT STEADY US#1 SZ A WASHED OR BRUSHED UNLESS OTHERWISE STATED Russet Burbank ID bld 10 5-lb sks non sz A 8.25 50 lb ctns 40s 13.50 50s 13.50 60s 13.50 70s 13.00-14.00 80s 11.50-12.50 some 14.00 90s 10.00-11.00 100s 9.00-10.00 mostly 9.00-9.50 120s 9.00 Norkotah WI 50 lb ctns 70s 10.00 80s 9.00 90s 9.00 100s 8.00 Round Red CD 50 lb sks 6.50-7.00 mostly 7.00 sz B 9.00-10.00 MN/ND 50 lb sks 9.00-9.50 sz B 12.50-13.00 NY 50 lb sks 9.00 sz B 10.00-10.50 mostly 10.00 few hgr WI 50 lb sks 8.50-9.00 fr qual 5.50 sz B 12.00-12.50 Round White CD Prince Edward Island CDOne 50 lb sks 5.00-6.00 mostly 5.50 lge 6.00-6.50 mostly 6.50 DE 50 lb sks fr qual 4.50-5.00 lge 6.00-6.50 LI 50 lb sks 5.00-6.00 lge 6.00-6.50 mostly 6.50 NY 50 lb sks lge 5.50-6.00 PA 50 lb sks fr qual 4.50

1258e jh

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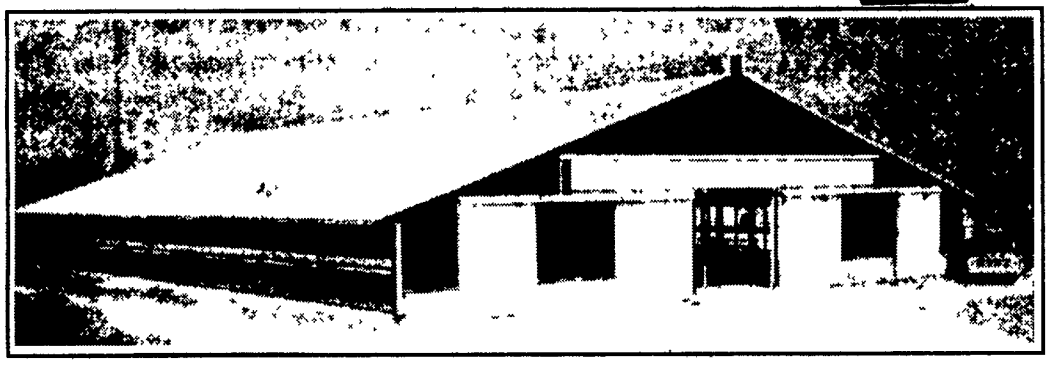
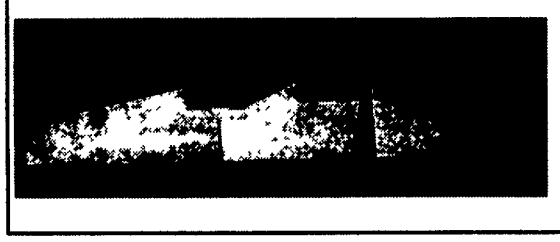
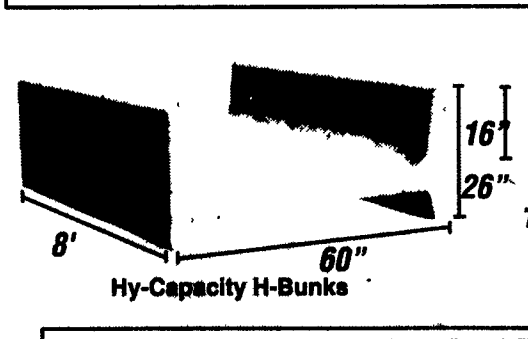


Concrete Slatted Free Stall Barn

Long Core Cattle Waffle Slats



Precast Concrete Bunker Silos or commodity buildings built to suit your needs. Bunkers available in 8 Ft. or 12 Ft. High



End Sections Available For Feed Bunks

Give us a call for more information on hog, beef, dairy and heifer barns.

PARADISE TOBACCO SALES

- Make 3 Grades
- Watch Water
- Call For Appointment To Deliver Tobacco

Next Sale on Monday, January 5, 1998.
Mitch White - Sale Manager
Mitch Ashby - Auctioneer
AU0002616-R

ANNUAL VEGETABLE GROWERS MEETING

Thursday, January 8th, 1998 12:30 to 3 p.m.
at BAREVILLE FIREHALL, Bareville, PA

Jeff Stoltzfus - will review vegetable test plot results from 1997 and discuss the latest varieties.

Tim Elkner - will discuss different types of pesticides available for vegetable growers.

Meeting Will Qualify For Two Core Credits And Two Category Credits

Leola Produce Auction, Inc.

Wholesale Auction of Lancaster Co. Vegetables
Brethren Church Road
Leola, PA 17540
Office 717-656-9592
656-9580
Lic. #AH000028-L

Estimated Daily Livestock Slaughter

Under Federal Inspection
December 30, 1997

	CATTLE	CALVES	HOGS	SHEEP
TUESDAY 12/30/97 (EST)	131,000	6,000	380,000	14,000
WEEK AGO (EST)	125,000	7,000	381,000	15,000
YEAR AGO (ACT)	109,000	9,000	337,000	15,000
WEEK TO DATE (EST)	251,000	13,000	763,000	24,000
SAME PD LT WK (EST)	255,000	13,000	772,000	29,000
SAME PD LT YR (EST)	235,000	16,000	679,000	31,000

PENNSYLVANIA DEPARTMENT OF AGRICULTURE
DECEMBER 26, 1997
8 LIVESTOCK AUCTIONS

CATTLE 2317 Compared with 4875 head last week and 2194 head a year ago Several Auctions closed this week because of the Holiday Compared with last Friday's summary slaughter steers steady, instances stronger, sl heifers steady to weaks, sl cows fully 1 00 higher, bulls steady to strong

SLAUGHTER STEERS High Choice & Prime 68 00-69 60, Choice 63 50-68 50, Select and Low Choice 60 50-64 50, Select 57 75-63 50, few Standard 42 00-56 00

HOLSTEINS High Choice & Prime 58 75-60 00, few to 61 75, Choice 54 00-59 00, Select 51 00-55 50

HEIFERS Choice 61 75-66 50, Select 51 00-62 00, few Standard 37 00-51 00

COWS Breaking Utility & Commercial 34 00-42 00, few to 44 50, Cutter & Boning Utility 29 00-38 00, Canner and Low Cutter 24 00-33 00, few to 21 00 Shells down to 18 00

BULLS· Yield Grade No 1 1000/2400 lbs 42 00-50 00, No 2 900/2000 lbs 32 00-42 00

FEEDER CATTLE STEERS Medium & Large Frame No 1 300/600 lbs 60 00-73 00, few to 83 00, few 600/900 lbs 55 00-65 00, few Medium & Large Frame No 2 450/900 lbs 35 00-56 00,

HEIFERS Medium & Large Frame No 1 275/800 lbs 51 00-66 00, Medium & Large Frame No 2 285/800 lbs 40 00-57 00, few to 32 00, BULLS Medium & Large Frame No 1 270/625 lbs 62 00-79 00, few to 50 00, Medium & Large Frame No 2 265/800 lbs 40 00-55 00, few to 32 00

CALVES 2280 Compared with 3274 head last week and 2036 head a year ago

VEALERS· mostly steady few Choice 140/325 lbs 80 00-110 00, few Good 125/300 lbs 40 00-80 00, Standard and Low Good 70/110 lbs 15 00-33 00, Utility 50/100 lbs 5 00-23 00

FARM CALVES: Holstein bull calves 5 00 to 20 00 higher, Holstein heifers 5 00 to 35 00 lower...No. 1 Holstein bulls 85/125 lbs. 85.00-130.00, No. 2 80/125 lbs. 50.00-105.00, few to 35.00; No. 1Holstein heifers 85/125 lbs. 65.00-109.00, No 2 75/125 lbs. 30.00-80.00.

Beef cross bulls and heifers 80/125 lbs 30 00-65.00

HOGS 1534 Compared with 3502 head last week and 1047 head a year ago. Barrows and gilts fully 2 50 to 3 00, sows 1 00 to 3 00 lower.

BARROWS AND GILTS US 1-2 220/265 lbs 37.00-40 60, US 1-3 210/270 lbs 36 00-39 85, US 2-3 220/300 lbs 33 00-38 00

SOWS US 1-3 300/700 lbs 28 00-36 25

BOARS few 21 50-27 00

FEEDER PIGS 225 Compared with 266 head last week and 84 head a year ago Feeder pigs Few US 1-3 30/55 lbs 25 00-36 00 --- per head

SHEEP 1247 Compared with 3002 head last week and 1199 head a year ago Slaughter lambs under 80 lbs steady to 30 00 lower, over 80 lbs mostly steady SLAUGHTER LAMBS Choice 55/80 lbs 100 00-120 00, 80/110 lbs 80 00-110 00, few to 70 00, few 105/130 lbs. 70 00-96 00 NEW CROP LAMBS Choice 30/60 lbs 130 00-175 00 SLAUGHTER SHEEP 30 00-65 00, few to 25 00

TWO GRADED FEEDER PIG SALES 850 Compared with 2189 head last week and 228 head a year ago Feeder pigs few sales steady, many sold for slaughter for the holidays and were steady to strong US 1-2 50/60 lbs 80 00-97 50, Slaughter 30/40 lbs 190 00-235 00, 40/50 lbs 100 00-185 00 --- per hundredweight

MIDDLEBURG LIVESTOCK AUCTION
MIDDLEBURG, PA
SALE NOT REPORTED DEC. 30
December 23, 1997

CATTLE 251 [PDA]...Compared with last week's sale sl. steers uneven with spots 1 50 lower, cows 1 00 to 4 00 higher.

SLAUGHTER STEERS· few High Choice and Prime 1445/1475 lbs 68 00-69 00, Choice 1035/1530 lbs 64 50-66 50, few 1560/1775 lbs 60 25-63 75, Select 57 75-64 00, Standard 50 50-56 50

HOLSTEINS few High Choice and Prime 1350/1585 lbs 59 00-61 75, few Choice 1350/1615 lbs 56 75-58 75, Select 52 00-55 25, Standard 39 75-50 75

HEIFERS Choice 1055/1315 lbs 63 75-66 50, few Select 59 50-63 00, Standard 42 25-53 00

COWS Breaking Utility and Commercial 37 00-44 50, Cutter and Boning Utility 32 00-38 00, Canner and Low Cutter 24 75-35 50 Shells down to 20 00

BULLS few Yield Grade No 1 900/1725 lbs 43 25-49 50

FEEDER CATTLE STEERS few Medium Frame No 1 485/600 lbs 55 50-60 50, HEIFERS Medium Frame No 1 365/535 lbs 51 00-51 50, few Medium & Large Frame No 2 535/705 lbs 32 00-45 00, BULLS few Medium Frame No 1 600/625 lbs 44 50-51.00, few Medium & Large Frame No 2 540/975 lbs 34 00-42 00

CALVES 212 VEALERS Standard and Good 75/120 lbs 25 00-35 00, Utility 65/105 lbs 11 00-21 00

FARM CALVES No 1 Holstein bulls 10 00 to 15 00 higher, No 2 bulls steady to spots 5 00 lower No 1 Holstein bulls 90/125 lbs 80 00-130 00, 80/90 lbs 65 00-80 00, No 2 80/110 lbs 28 00-55 00, No 1 Holstein heifers 95/115 lbs 70 00-109 00, No 2 70/105 lbs 26 00-40 00

HOGS 184 (12/22 & 23/97) Bulk of supply sold on Monday and sold by the auction

BARROWS AND GILTS US 1-2 230/260 lbs 39 50-44 00, few 42 50, US 1-3 250/270 lbs 34 50-39 00, one lot US 1-3 210 lbs @ 32 00

SOWS US 1-3 300/600 lbs 29 00-44 50 most sales 30 50-35 75

BOARS few 350/550 lbs 22 00-25 25, one 250 lbs @ 31 50

FEEDER PIGS 69 Few US 1-3 15/35 lbs 9 00-32 00, 40/55 lbs 25 00-36 00

--- per head

SHEEP 13...SLAUGHTER LAMBS. few Choice 30/40 lbs. 110.00-150.00, few 80/100 lbs 80 00-87.00, couple 140 & 145 lbs. 64 00 & 69.00.

SLAUGHTER LAMBS: one @ 39.00

GOATS 9 .Couple Medium Nannies 35 00 & 60 00, couple Large Kids 34 00 & 51 00, few Small 13 00-16 00. --- per head

MERCER LIVESTOCK AUCTION
MERCER, PA
December 30, 1997

CATTLE 211 [PDA] Compared with last week's sale slaughter cows steady to 50 higher

SLAUGHTER STEERS Choice 1150/1450 lbs 63 25-66 75, Select 55 00-64 00, Standard 45 00-55 00

HOLSTEINS couple Choice 1125/1270 lbs 55 00 & 57 50, few Select 50 75-52 25, few Standard 40 00-46 75

SLAUGHTER HEIFERS few Choice 1030/1285 lbs 61 00-64 00, few Select 60 00-60 25, few Standard 43 00-44 50

COWS Breaking Utility and Commercial 35 00-40 75, Cutter and Boning Utility 30 00-36 50, Canner and Low Cutter 28 25-33 00 Shells down to 24 25

BULLS couple Yield Grade No 1 1500/1695 lbs 46 00, few No 2 1135/1770 lbs 34 50-39 00

FEEDER CATTLE· STEERS few Medium Frame No 1 650/700 lbs 60 00, few Medium Frame No 2 390/700 lbs 42 00-49 00, HEIFERS few Large Frame No 2 700/945 lbs 34 00-36 00, Medium Frame No 2 200/700 lbs 35 00-48 00,

BULLS Medium Frame No 1 & 2 300/690 lbs 45 00-53 00

CALVES 114 VEALERS Standard and Good 80/115 lbs 16 00-33 00, Utility 60/85 lbs 5 00-13 00

FARM CALVES· No 1 Holstein bulls 90/140 lbs 80 00-122 50, few to 128 00, 80/85 lbs 50 00-82 50, No 2 80/120 lbs 22 00-80 00, few No 1 Holstein heifers 90/110 lbs 100 00-120 00, few No 2 70/85 lbs 32 50-50 00

Few beef cross bulls and heifers 85/105 lbs 40 00-90 00

HOGS 13 NO MARKET TEST!

FEEDER PIGS 18 US 1-3 30/60 lbs 12 00-18 00 per head, 1-3 100/130 lbs 40 00-42 00 cwt

SHEEP 0 NO MARKET TEST!

GOATS 0 NO MARKET TEST!

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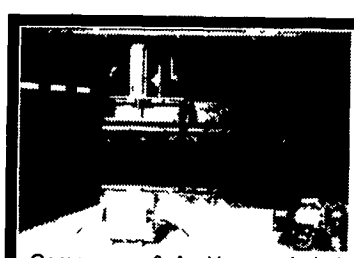

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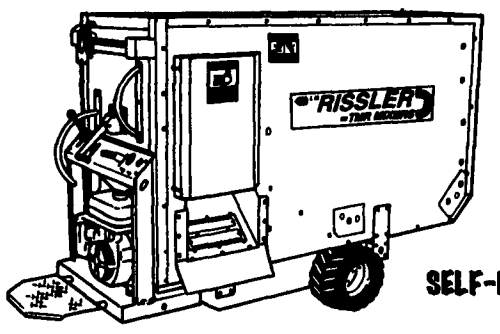

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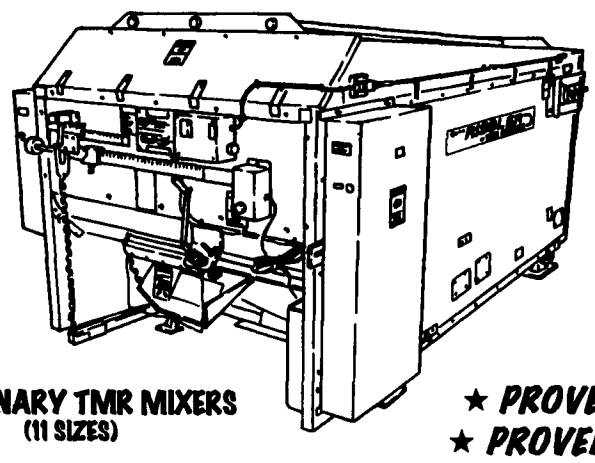

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Keystone Pork Expo

NORTH CORNWALL (Lebanon Co.) – The annual Keystone Pork Expo will be held Feb. 11 at the Lebanon Valley Expo Center here at the Lebanon Fairgrounds.

This year's meeting will feature a trade show with more than 40 exhibits, and educational seminars for producers.

The Expo will once again sponsor a "Pork Bowl" contest and public speaking competition for competing FFA and 4-H members

Greg Andrews, an attorney from Grimes, Iowa, will speak on nuisance complaints and law suits. Andrews represents clients and coordinates the Pork Producers Environmental Law Education Network, a project funded by the National Pork Producers Council He will answer questions on nuisance law, zoning, and environmental regulations for the Pork Producers Environmental Law Hotline At the Keystone Pork Expo, Andrews will address legal issues, community relations, how to avoid lawsuits, and strategies producers should develop if they are sued.

Doug Goolander, Bureau of Plant Industry, Pennsylvania Department of Agriculture, will provide highlights of the recently implemented Nutrient Management Act. Many livestock producers had to comply with the new regulations on Oct. 1, 1997. For some farmers, there are questions that remain regarding the new law.

Lou Moore, Penn State professors of agricultural economics and continuing Pork Expo favorite, will be on hand to deliver his hog market outlook

At 1:30 p.m., results of the seventh annual Legislative Activity Fund Auction will be announced. This year, all items will be sold by silent auction.

Keystone Pork Expo programs will be available in mid-January in most county extension offices.

Justice Department Will Not Block Formation Of Dairy Farmers Of America

SPRINGFIELD, Mo. — The U.S. Justice Department Antitrust Division has decided to close its investigation of the consolidation of four dairy marketing cooperatives into Dairy Farmers of America. The decision means Justice will not attempt to block the consolidation, now scheduled for January 1. News of the decision was greeted by DFA leaders with enthusiasm as they prepare for the first DFA corporate board of directors meeting on December 29-30 in Kansas City.

The Justice Department announcement is the last hurdle in a yearlong consolidation process that will join Associated Milk Producers Inc. (AMP) Southern Region, Mid-America Dairymen Inc. (Mid-Am), Milk Marketing Inc. (MMI) and Western Dairymen Cooperative Inc. (WDCI), to form Dairy Farmers of America Inc. (DFA). Documentation will be filed with the appropriate Secretaries of State prior to the end of the year to permit the consolidation transactions.

According to DFA Board Chair, Herman Brubaker, a dairy farmer from West Alexandria, Ohio, the first meeting of the DFA corporate board will focus on establishing policy and operating procedures for the new organization. The board will also discuss capital and operating plans and establish ground rules for member agreements.

"We've come a long way in the past year, but there is much to be done in the next few months," said Brubaker. "These early meetings will be particularly important as they will set the course for our new organization. Our goal will be to make sure that our actions benefit the dairy farmer we represent back home."

Dairy Farmers of America will begin operation on January 1, 1998 as a new dairy marketing cooperative with 22,000 member farms in 42 states. DFA will market more than 32.5 billion pounds of milk supplying joint-venture bottling plants and its own manufacturing plants that make a complete line of dairy products for retail and institutional customers in the United States and around the world.

Vegetable Meeting Set

WESTMINSTER, Md – On Tuesday, Jan. 13, there will be a Vegetable Update Meeting here at the Carroll County extension office.

The focus will be a back-to-basics approach, examining general insects, and diseases of vegetables.

Other topics include pesticide recertification, an update on Farm Service Agency programs, holding over plastic mulches for a second year of production, and an update on new cultivars of old crops for additional market appeal.

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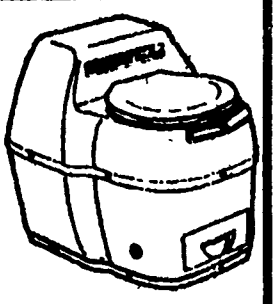

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Holstein Association USA Taking Proactive Role In National Livestock Identification System

BRATTLEBORO, VT. – Will take an incident of "Mad Cow Disease" to force the U.S. livestock industry to crate a system to identify animals and track their movement throughout the production chain? Not if Holstein Association USA has anything to say about it.

The Holstein Association USA has anything to say about it.

The Holstein Association is taking a practice approach to develop an infrastructure that would prepare our country for any similar event and to prevent it from devastating the industry. National Farm Animal Identification and Records (F.A.I.R.), a model for a national identification system for dairy, will be one of the first steps in a comprehensive livestock ID system.

F.A.I.R. will design a unified system of animal identification to help ensure that public and private efforts to improve animal health/disease control, food safety, trade, and genetic advancement are successful. The model recently received funding support from USDA-APHIS and will be coordinated by the Holstein Association. In early 1996, the Council on Dairy Cattle Breeding provided industry support for the consideration of such a model demonstration. The project will be tested in four states: New York, Pennsylvania, Wisconsin and California.

The model is intended to unify animal identification programs and link animal recording systems to provide accurate, complete, and cost-effective information that meets needs of the various segments of the industry. The demonstration will provide for the design and testing of methods to track animals from farm to farm, farm to market, and market to slaughter.

Identification methods will include both RFID transponders and visible plastic ear tags. In addition to identification systems and methods, issues of electronic data flow, data base administration and accessibility will be established.

The National F.A.I.R. project is supported by APHIS's National Animal Health Programs. "The Holstein Association's experience in animal identifications and long tern efforts for improving the system in the United States makes them a natural for leading the efforts for this program," said Bill Ford, Staff Officer at USDA's National Animal Health Programs. "The vast support throughout the industry is a real catalyst for successful results."

"While the project is relatively small in comparison to projects in other countries, we are anxious to develop a model that will help us answer many questions that have been very difficult to get our hands around," said Neil Hammerschmidt, Coordinator for the National F.A.I.R project. Hammerschmidt is the Executive Director, Dairy Herd Services at the Holstein Association.

"The alignment we have established with APHIS is very significant as we develop one ID system that supports all segments of the industry," he added.

Joan Arnold, Deputy Administrator for Veterinary Services, USDA-APHIS, emphasized the importance of animal identification. "It is the basis for our success in controlling existing diseases and protecting against new diseases. We must devote time and effort to ID systems which support protection."

The F.A.I.R. project will incorporate the American ID numbering system, a unique "social security-type" number which will be assigned and attached to each animal. Using sophisticated computer systems, a national database will be created to track the movement and progress of the animal throughout its entire life. USDA's new food safety regulations and the National F.A.I.R. system will give the U.S. the tools that it needs to enhance farm animal food quality and safety.

"This is a critical project for the entire livestock industry," Steve Kerr, CEO of Holstein Association USA said. "As USDA's successful eradication program for Brucellosis draws to a close, the void in animal identification in the United States will quickly become much more

(Turn to Page A34)

HEAVY DUTY HOOF TRIMMING TABLES

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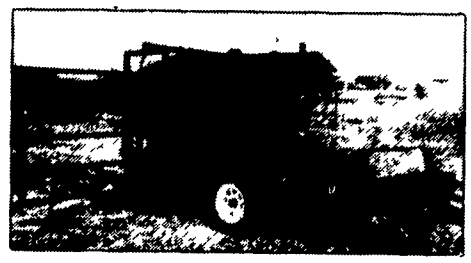

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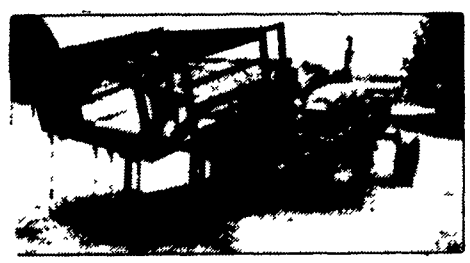

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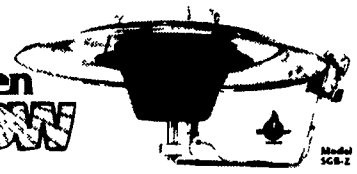

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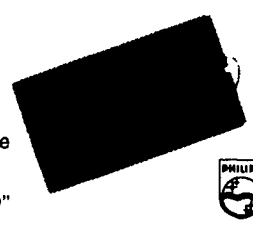

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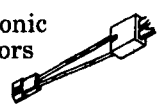

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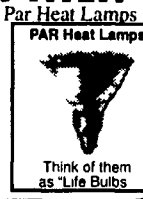

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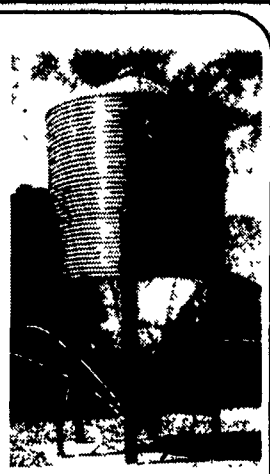

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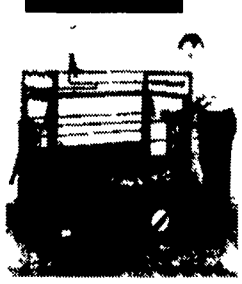
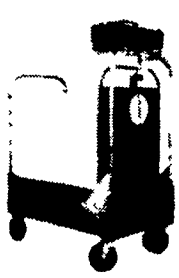
in 2 1/4" dia. to 5" dia.

SCALES

WayPig

500 Animal Scale
This rust resistant steel scale is used for weighing up to the largest hog. The entire unit serves as the weighing area so that an animal leaning on the sides won't prevent an accurate reading





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An entire litter can be placed in the portable WayPig at one time. The new oversize scale gives a clear readout of the weight in pounds and kilograms. the compact design allows it to glide easily through aisles and around tight corners.

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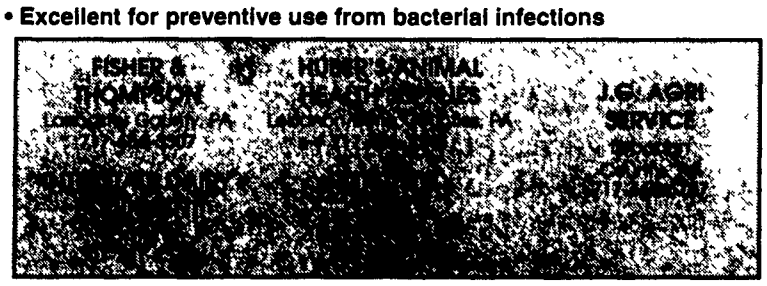

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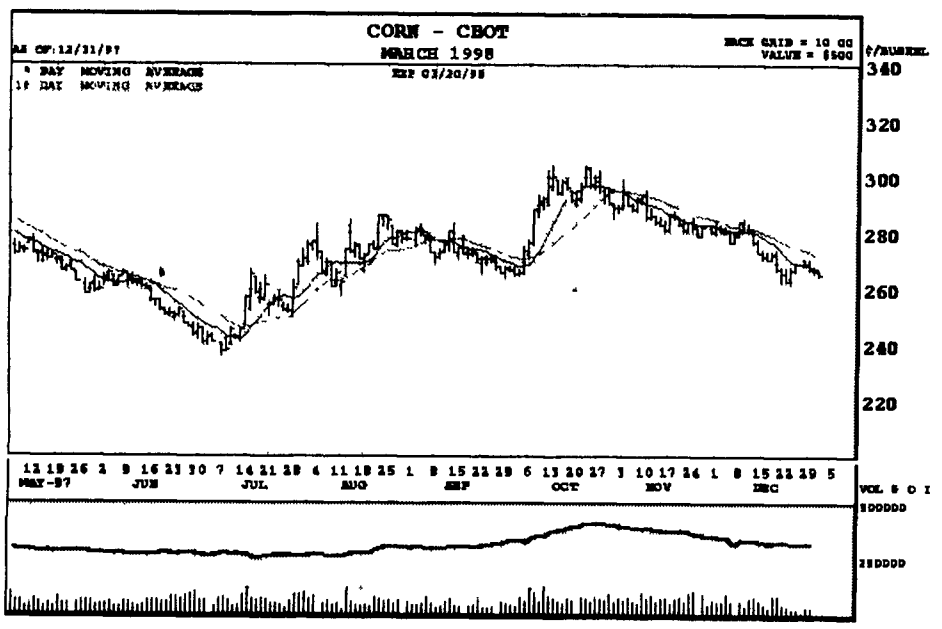
GRAIN, CATTLE AND HOG FUTURES MARKETS

Markets Courtesy Of Chicago Board and Merchantile Exchange

(Closing bids: Wednesday, December 31, 1997)



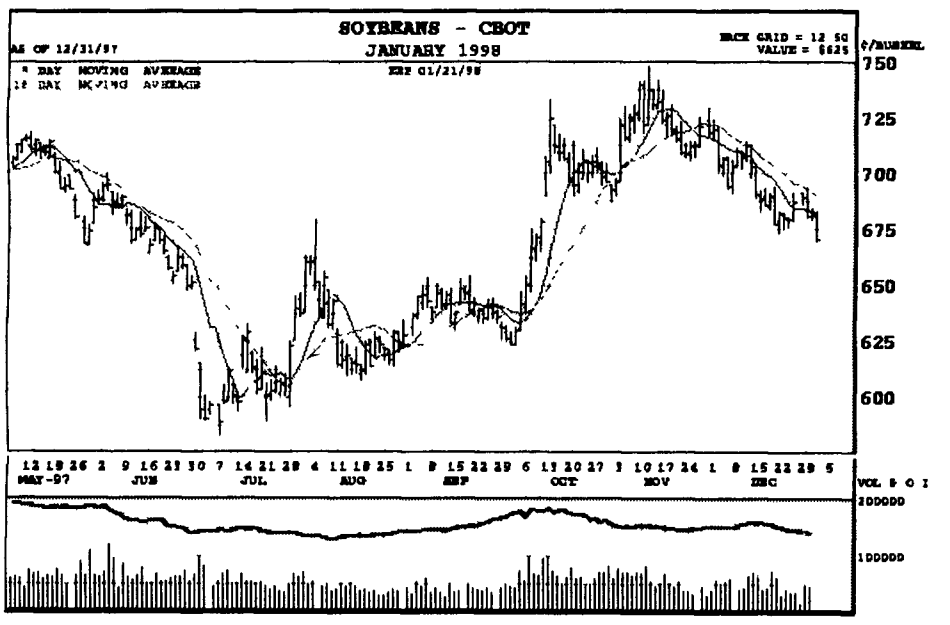
Stochastic | Relative Strength

Symbol		Open	High	Low	Last	Chge
CH8	12/31/97	2664	2670	2646	2650	-16

Moving Average			Momentum		
Day	09	18	40	09	18	40
	2666	2717	2785	-74	-120	-300

Stochastic			Directional Indicator			
Day	09	14	20	Day	09	14	20
	25 00	15 38	13 04	ADX	44 35	28 66	13 78
	34 40	20 28	19 05	-DI	33 89	31 53	29 02
	32 87	20 29	19 46	+DI	9 84	12 08	14 83

Relative Strength			Historic Volatility			
Day	09	14	20	Day	09	14	20
	32 43	34 93	37 84		14 79%	14 20%	15 10%



Stochastic | Relative Strength

Symbol		Open	High	Low	Last	Chge
SF8	12/31/97	6810	6830	6700	6704	-106

Moving Average			Momentum		
Day	09	18	40	09	18	40
	6807	6897	7057	-190	-234	512

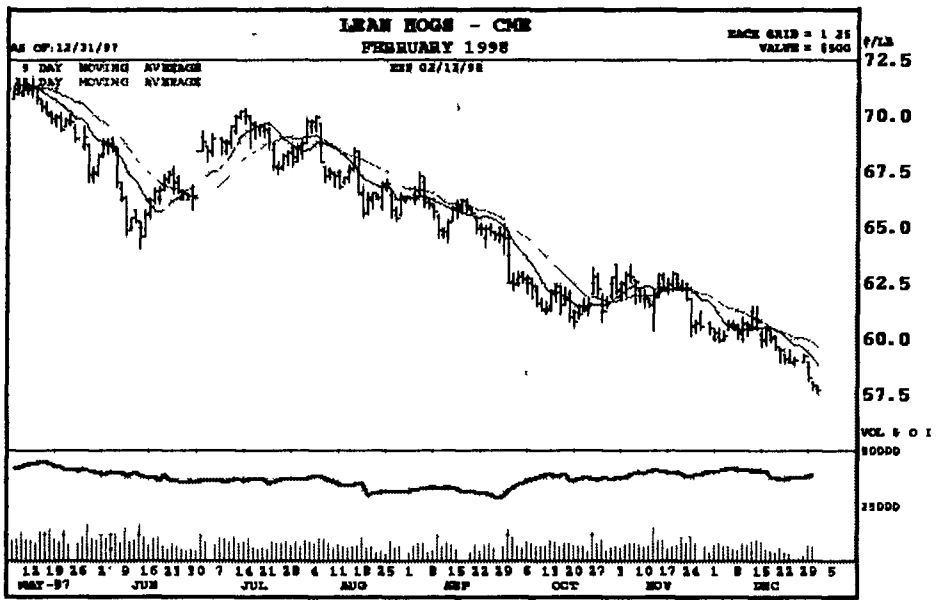
Stochastic			Directional Indicator			
Day	09	14	20	Day	09	14	20
	2 08	1 16	1 14	ADX	32 48	23 93	21 00
	27 57	15 74	12 44	DI	33 38	29 49	26 23
	32 41	20 08	15 58	+DI	12 59	14 64	17 06

Relative Strength			Historic Volatility			
Day	09	14	20	Day	09	14	20
	30 80	35 57	39 87		15 04%	14 72%	16 04%

Omaha, NE Wednesday, December 31, 1997 USDA-Market News

Chicago Mercantile Exchange Futures Prices - 11:30 report

STRIKE	OPEN	HIGH	LOW	LAST	SETT	CHGE	VOL	OPEN INT
Live Cattle:								
Prices as of 12/31/97 11:31 AM								
FEB98	66.500	66.700	66.400	66.550	----	+20	3094	48464
APR98	68.750	69.050	68.650	68.875	----	+32	1632	28413
JUN98	68.200	68.525	68.175	68.450	----	+27	560	15590
AUG98	68.975	69.100	68.750A	69.000	----	+20	100	6620
OCT98	71.700	71.825	71.700	71.[illegible]	----	+10	20	1853
DEC98	72.800	72.800	72.800	72.[illegible]	----	UNCH	1	335
TOTAL							5407	101275
Feeder Cattle:								
Prices as of 12/31/97 11:31 AM								
JAN98	75.800	76.200	75.800	75.975	----	+12	396	6993
MAR98	75.800	76.150	75.725	75.950	----	+7	664	5323
APR98	76.500	76.850	76.500	76.700	----	+17	93	2359
MAY98	77.650	77.775	77.525	77.650	----	+10	30	1865
AUG98	79.500	79.800	79.500	79.775	----	+5	6	913
SEP98	79.575	79.750	79.575	79.750	----	+15	3	182
OCT98	79.550	79.700	79.550	79.700	----	+10		175
NOV98	----	----	----	----	----	UNCH		3
TOTAL							1192	17813

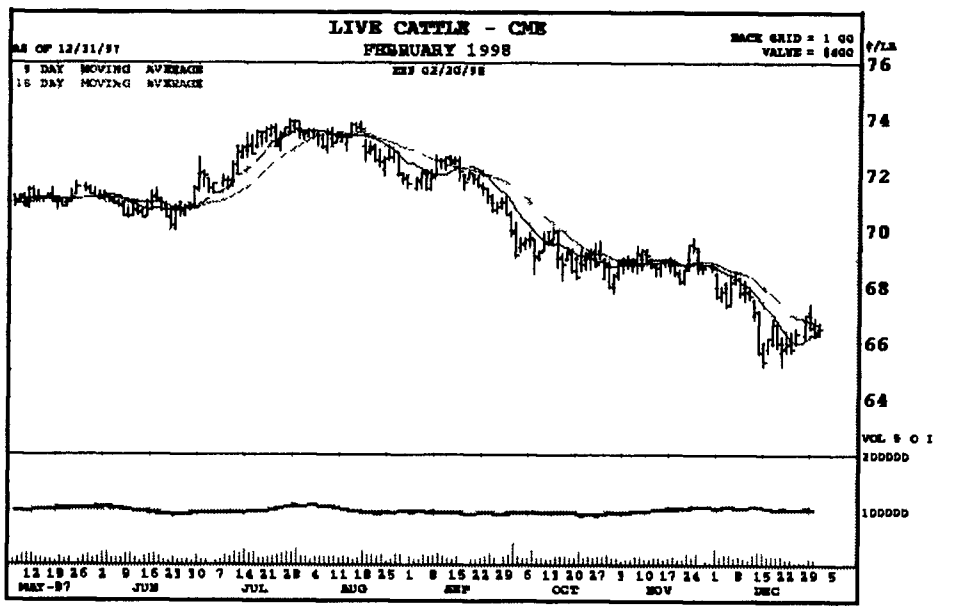


Symbol		Open	High	Low	Last	Chge
LHG8	12/31/97	5775	5792	5755	5770	-15

Moving Average			Momentum		
Day	09	18	40	09	18	40
	5878	5961	6069	-232	-292	-477

Stochastic			Directional Indicator			
Day	09	14	20	Day	09	14	20
	5 88	3 85	3 85	ADX	33 58	26 41	23 81
	8 79	6 33	5 88	-DI	35 02	31 27	29 45
	11 97	9 22	7 72	+DI	9 77	11 82	13 21

Relative Strength			Historic Volatility			
Day	09	14	20	Day	09	14	20
	20 96	26 81	30 89		8 58%	10 58%	10 59%

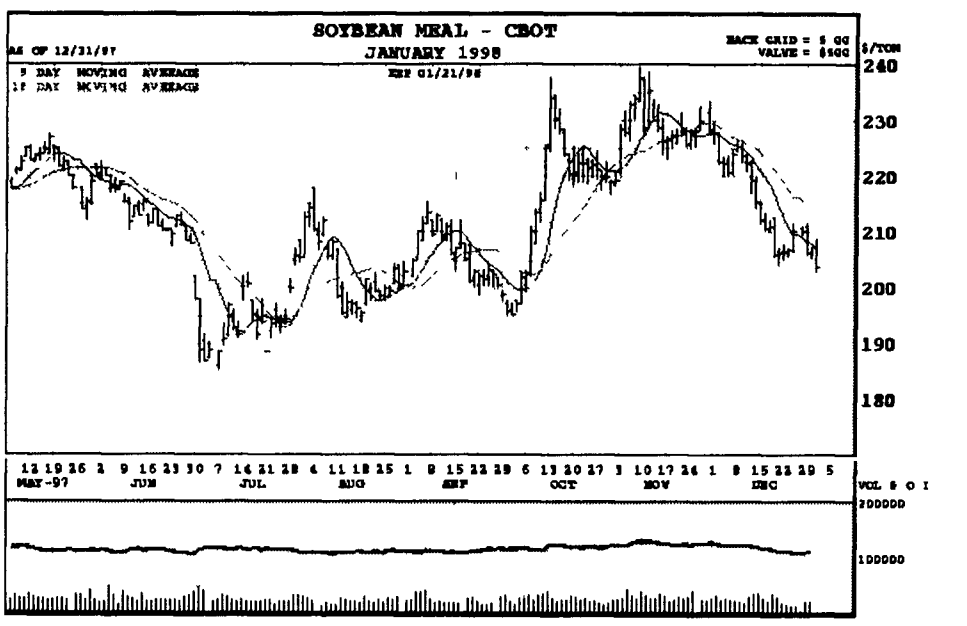


Symbol		Open	High	Low	Last	Chge
LCG8	12/31/97	6650	6670	6630	6645	+10

Moving Average			Momentum		
Day	09	18	40	09	18	40
	6622	6658	6771	-20	-172	-240

Stochastic			Directional Indicator			
Day	09	14	20	Day	09	14	20
	58 72	54 17	38 58	ADX	29 93	33 33	34 13
	57 99	44 99	35 96	-DI	21 09	24 16	25 64
	52 30	37 84	31 44	+DI	17 93	16 70	15 94

Relative Strength			Historic Volatility			
Day	09	14	20	Day	09	14	20
	46 87	44 52	43 36		9 67%	13 89%	13 53%



Stochastic | Relative Strength

Symbol		Open	High	Low	Last	Chge
SMF8	12/31/97	20720	20870	20300	20380	-340

Moving Average			Momentum		
Day	09	18	40	09	18	40
	20702	21267	22130	720	-1680	2460

Stochastic			Directional Indicator			
Day	09	14	20	Day	09	14	20
	8 42	4 04	3 40	ADX	40 67	28 74	21 93
	24 08	12 14	9 84	DI	37 55	34 44	31 23
	25 26	14 18	11 36	+DI	12 95	15 07	17 67

Relative Strength			Historic Volatility			
Day	09	14	20	Day	09	14	20
	26 99	30 76	35 28		19 65%	17 89%	17 87%

(Turn to Page A17)

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Continued from Page A16)

Lean Hogs:
Prices as of 12/31/97 11:40 AM

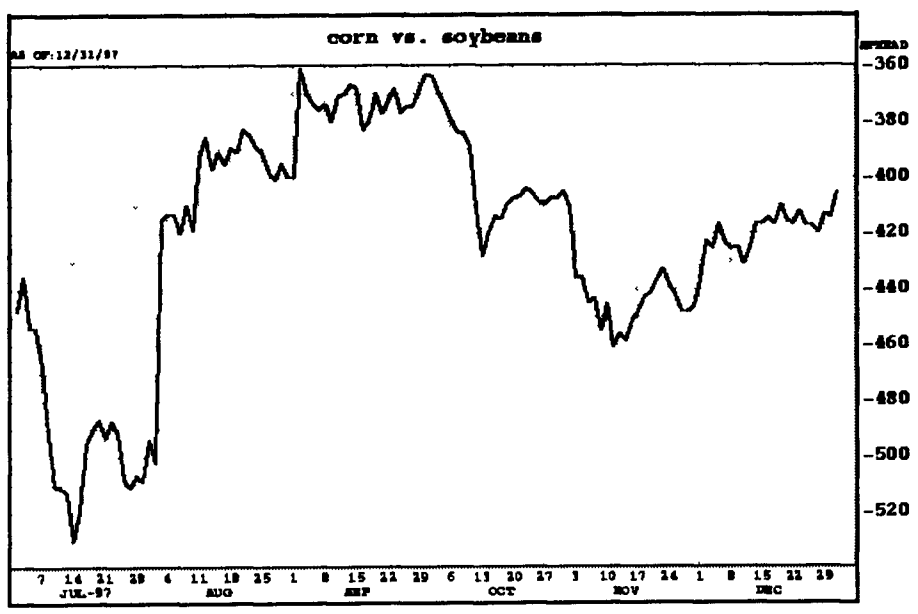
FEB98	57.750	57.925	57.550	57.800	----	-5	1666	21458
APR98	56.350	56.650	56.200	56.350	----	-17	856	8050
JUN98	64.075	64.100	63.675	63.750	----	-32	390	6065
JLY98	63.250	63.300	62.925	63.000B	----	-20	84	1865
AUG98	61.300	61.300	60.800	60.950B	----	-27	18	392
OCT98	57.550	577.50	57.500	57.600B	----	UNCH	6	667
DEC98	55.850	55.950B	55.850	55.850	----	+100	3	182
FEB99	----	----	56.850A	56.850A	----	-7		29
APR99	----	52.400B	52.300A	52.400B	----	+5		20
JUN99	----	----	62.650A	62.650A	----	-5		1
JLY99	----	----	61.650A	61.650A	----	-5		2
TOTAL							3023	38731

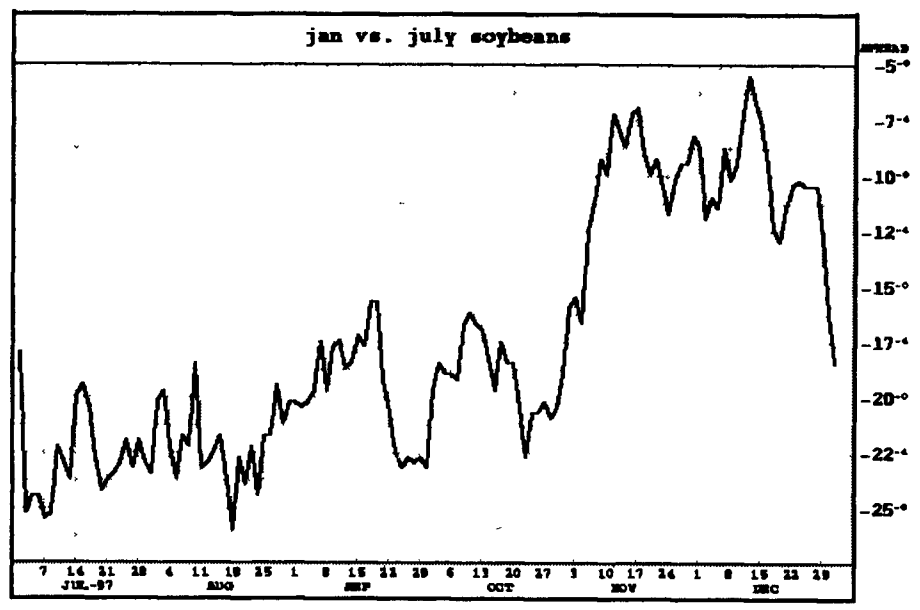
Pork Bellies:
Prices as of 12/31/97 11:40 AM

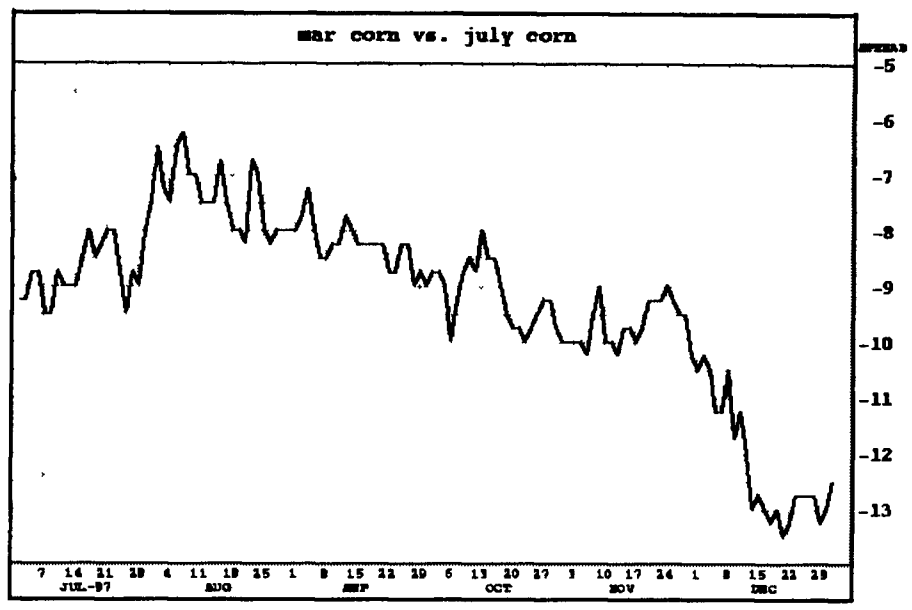
FEB98	51.350	51.450	50.150	50.500A	----	-145	1464	5659
MAR98	51.100	51.100	50.050A	50.300A	----	-127	171	1474
MAY98	51.650	51.650	50.775	51.150	----	-145	54	1104
JLY98	51.250	51.250	50.050	50.500	----	-160	18	667
AUG98	47.000	47.500	46.800	47.500	----	-50	3	117
SEP98	52.500	52.500	52.500	52.500	----	-170	1	5
NOV98	----	----	53.000A	53.500B	----	UNCH		26
TOTAL							1711	9052

Beef Trimmings Futrmi
Prices as of 12/31/97 11:31 AM

FEB98	----	----	37.50A	37.50A	----	-60		114
APR98	----	----	43.00A	43.00A	----	-50		34
TOTAL								148







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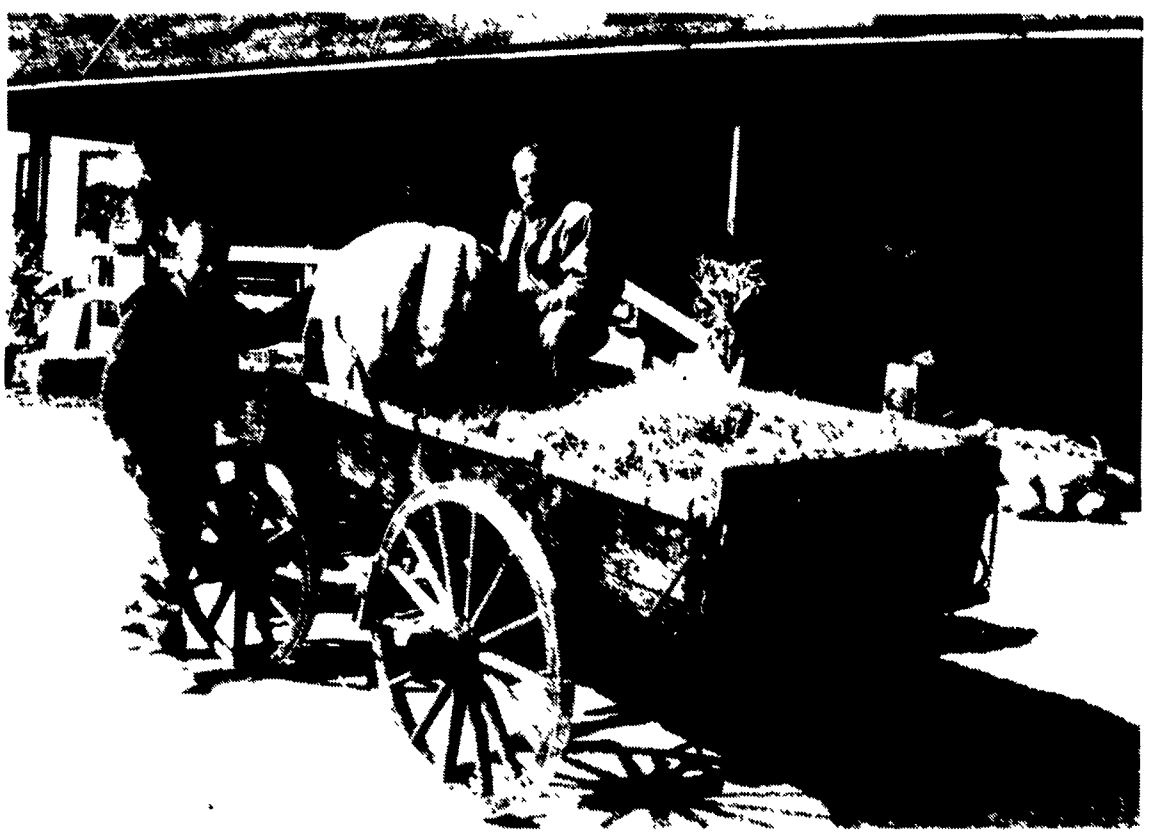
Events Of Interest On the 1997 Farm Scene

Dr. Robert Steele was named Penn State's College of Agricultural Sciences dean in early October. In the photo, Dr. Steele pays a visit to the Luke Brubaker family farming operation at Mt. Joy, in Lancaster County. Mike Brubaker, seated, discussed the computerized systems they use to make farming more efficient.



Pumpkins generated a lot of excitement at Stauffer Farms in Columbia, Lancaster County, in late October. Jim Stauffer, was called upon to ship a 320-pound pumpkin to the White House. This was the fourth year Stauffer had the honors. The pumpkin was grown in the back yard of Tammy and John Williams of Fawn Grove. Stauffer, seated in the wagon, and his dad Jay grow 300 acres of produce and contract with other farmers to supply Baltimore-Washington markets with fresh produce.

The Berks County outstanding farm family was honored at a banquet in Fleetwood in early September. The family, Dennis and Betsy Sttazahn and their twin sons, David, left, and Douglas, are shown with the boy's show heifers. The heifers are out of cow families with several excellent dams in their pedigrees and are 4-H projects of the twins.

Events Of Interest On the 1997 Farm Scene

The Blue Mountain High School envirothon team became national champions in August. Pictured here from left, front row, Aaron Clauser, Phil McDonald, Tamie Smerlick, and Caroline Watral. In the second row is head advisor Glenn Luckenbill, and assistant advisors Chris Brommer, Bob Bylone Jr., and Richard Eckert. Not shown is team member Jeremy Johnson.

At the Pennsylvania Dairy Princess Pageant held in late September, Nichole Meabon, center was crowned for a year of promotion of the dairy industry. First Alternate Heather Riley, left, and Second Alternate Eileen Murphy will assist Nichole at the state level.

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When leafhopper pressure is severe, spraying new seedings may increase yields

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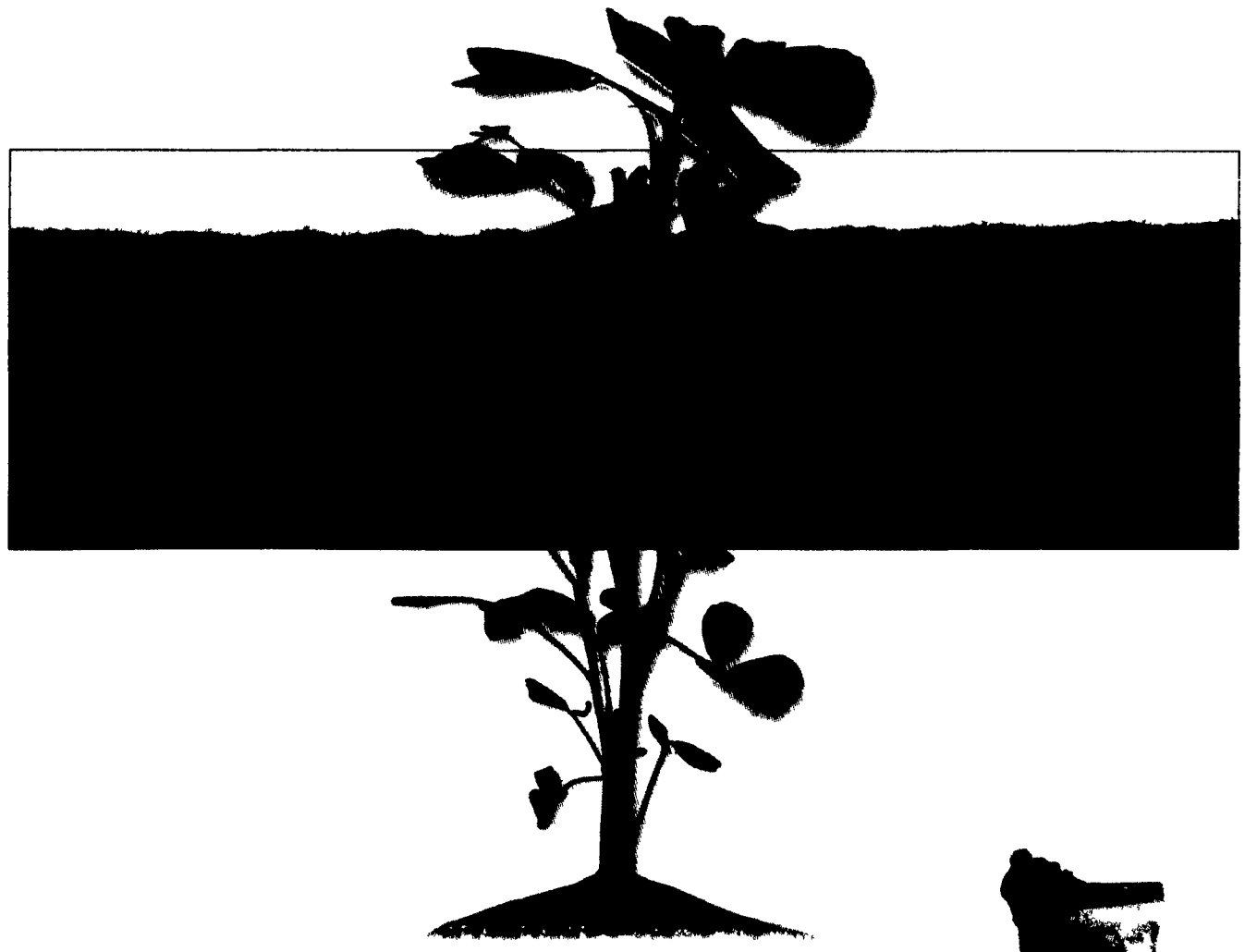

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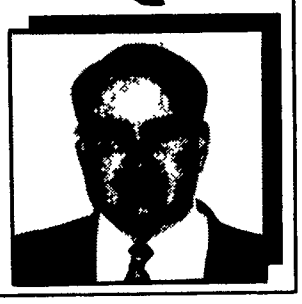

A Neighborly Thing To Do

One thing that continues to grow year after year for farmers everywhere is their number of neighbors, and for city dwellers, the mystique of country living is often coupled with a genuine lack of understanding for modern agricultural practices. Whoever said, ìignorance is blissî never has been in a township meeting for an agriculture operation expansion near an urban or suburban area.

Sometimes, the traditional agriculture response is ìwe were here first.î Although this statement is often true, the reality is that farmers have more and more neighbors who do not have agricultural backgrounds, and they are willing to question farming practices. One of the newest skills farmers must start to develop is relating to their non-farm neighbors.

Take the first step by thinking of a public relations strategy for your farm. For example, you know when the manure is going on the fields, but your neighbors do not. A simple phone call from you the night before can eliminate almost every complaint.

Another increasingly popular strategy is to invite your neighbors onto your farm for a tour or spring picnic. This gives your neighbors a chance to see the farm, and you have an opportunity to answer questions. A short tour is a public relations investment that can have tremendous benefits. However, always remind your guests about farm safety. Keep them away from machinery and dangerous areas, while they are enjoying their tour. If you have concerns about liability, consult your farm insurance agent.

Luke Brubaker, who farms 800 acres in Lancaster County, developed a public relations strategy for his farm and is pleased with the results. Brubaker keeps an open line of communications with his neighbors and listens to their concerns.

For example, after speaking to his neighbors, Brubaker now does some of his work, such as spreading manure, at night. He also fenced in a creek on his property, allowing neighbors to fish close to their homes.

ìAs farmers, one of our biggest jobs is keeping our neighbors happy. This can be difficult at times, but itís definitely worth the extra work,î Brubaker said.

Improving relationships with your neighbors is a wonderful New Yearís resolution, and as people understand a farming operation they may become more tolerant. A small note or gesture from you can go a long way. Getting to know your neighbors may be your best investment for 1998.

1998 Farm Business Management School Scheduled

Today's successful farmers realize the key to their survival involves smart decision-making The Lancaster Chamber of Commerce and Industry invites you to join us for our fifth annual Farm Financial Management School to be held on Thursday, January 29, 1998, at the Country Table Restaurant located in Mount Joy, PA This annual program is an intensive all-day seminar on employee-related topics designed for owners of today's complex farming operations

The goal is to provide in-depth training on human resource management, succession and estate planning, family farm management, and other related topics of interest to this important segment of the agricultural community The limited class size and the chance for managers to bring their own personal situations and questions makes this a great opportunity to find answers to agriculture's tough business questions Participants in the school each receive a detailed notebook of reference and study materials provided by the instructors for their use in further analyzing their own business situation.

Two dynamic and nationally recognized instructors have been secured based on their experience and ability to work "ground level" with intensive agriculture operations Bernie Erven is a professor of Agriculture Economics at Ohio State University and Gary Heim an attorney, whose clientele primarily lies within the agriculture community

We will also feature a panel of farmers moderated by Dennis Ginder, farm management specialist for Lancaster and Chester County Penn State Cooperative Extension The panel will also focus on human resource experiences as well as any other financial topic which interests the group

The deadline for registration is January 16, 1998 and will be limited to a "first come-first served" basis. Registration fee is $100 per person and includes all meals and materials Production agriculture Lancaster Chamber members receive a 25% discount and anyone joining the chamber will also receive the reduced rate If you have any questions, please do not hesitate to call Jim Shirk at 397-3531 or contact your local ag lender

Feel free to send your comments and ideas by email to Jim Shirk at the Chamber at: HYPERLINK mailto:jshirk@lcci.com or call him at (717) 397-3531.

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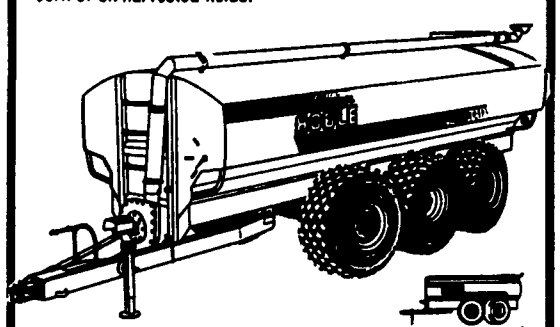

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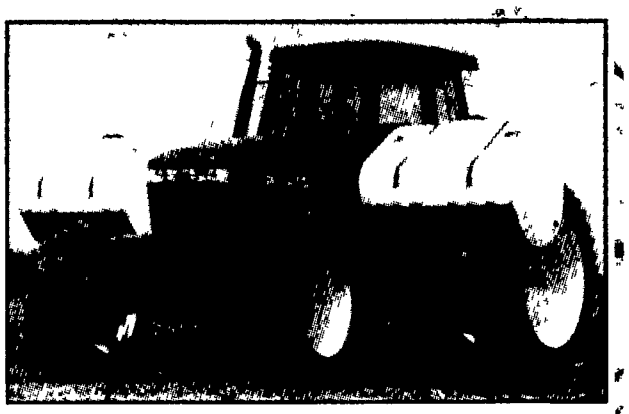

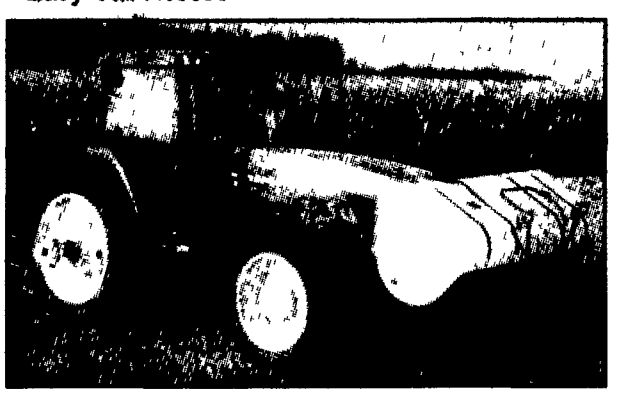

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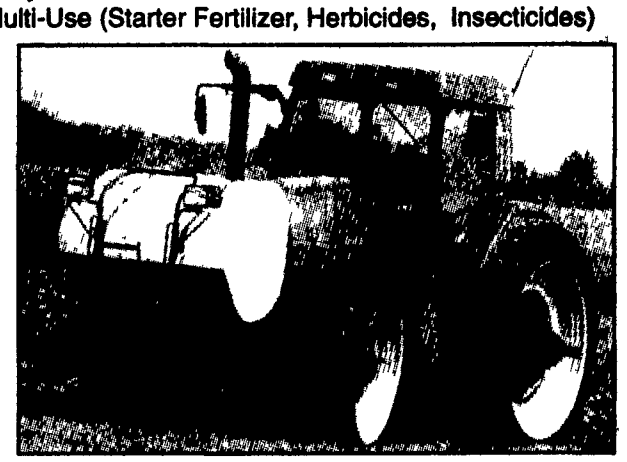

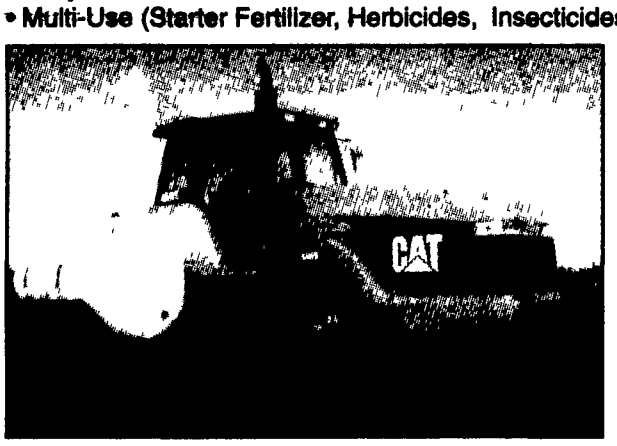

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Upper Susquehanna Direct Farm Management Seminar Set

Program

9:45 a.m.	**Opening Remarks** - Tom Murphy, Penn State Cooperative Extension
10:00 - 11:00 a.m.	**"Does Anyone Know I'm Here?"** Creative ways to attract attention to your market.
11:00 - 12:00 Noon	**Selling to Supermarkets - Why, Where, How, and Who.** Local chain representatives discuss buying direct from growers.
12:00 - 1:00 p.m.	Lunch
1.00 - 2:00 p.m.	**Options in Advertising - Who are your customers and how can you reach them?** Radio, TV, and Newspaper. What are the costs? Effectiveness? Panel of media discuss each option.
2:00 - 3:00 p.m.	**Dynamic Displays** Effective signage, innovative lighting and the best materials and methods to use when constructing an eye appealing display.
3:00 - 3:15 p.m.	Break
3:15 - 4:00 p.m.	**Marketing to Local Restaurants** How to build the necessary relationships. Is it a market for you? A chef and direct marketer give their perspectives.

Note: This meeting was rescheduled from spring 1997.

Registration Form: **Upper Susquehanna Direct Farm Marketing Seminar**
Wednesday, January 21, 1998
Quality Inn, Route 15, South Williamsport

Name(s)_____ Phone_____

Address_____

Cost $20.00 per person. Advance registration required and due by January 9, 1998.

Pleas return check and registration form to: Lycoming County Cooperative Extension
Courthouse, Rm. 406, 48 West Third Street, Williamsport, PA 17701

SOUTH WILLIAMSPORT (Lycoming Co.) — A Direct Farm Marketing Seminar is scheduled for the Quality Inn here on Wednesday, Jan. 21, from 9:45 a.m.-4 p.m.

Direct farm marketing is growing in importance as a way for producers to increase sales and capture a larger share of consumers' dollars.

To address those needs and to look at trends in the marketplace, the seminar will include instructors and representatives from area restaurants, supermarket chains, media, direct marketers, and Penn State Extension Service.

Segments of the seminar will examine creative ways to attract attention to your market, selling to supermarkets, options in advertising, dynamic displays, and marketing to local restaurants.

Cost for the day is $20 per person, which includes lunch and all materials. Advance registration is required and is due Jan. 9.

For more information, contact the Lycoming County Cooperative Extension, (717) 327-2350.

Weather, High Yield Management At Corn, Soybean Conference

GRANTVILLE (Dauphin Co.) — At the Pennsylvania Corn and Soybean Conference, scheduled Friday, Feb. 13 here at the Holiday Inn, weather patterns and high yield management are among the topics featured.

Weather patterns and their effects on crop production will be addressed by Paul Knight, Pennsylvania State climatologist. Knight is also known for his co-host role on Weather World, a popular weather television program produced by WPSX TV.

Managing for high yields will be addressed by Dr. Joe Heckman of Rutger's University. Heckman has managed a high-yield corn program at Rutgers for eight years and has regularly achieved yields of more than 250 bushels per acre. Heckman's research has shown responses to some unusual fertilizer nutrients at these high-yield levels.

Conference participants will also hear from Penn State's new dean of the College of Agricultural Sciences, Dr. Robert Steele. Steele will provide an overview of new directions for the college.

Other program highlights will include an overview of the 1997 season from Mark Mattingly, agronomist with Hoffman Seeds, and a discussion of soybean breeding trends from University of Maryland's Dr. Bill Kenworthy.

Dr. Lou Moore from Penn State will provide an outlook on grain markets and prices to wrap up the program.

This year's conference will be held at the Holiday Inn in Grantville just north of Harrisburg on I-81. Registration, which begins at 9 a.m., is $15 and is available by calling Lisa Cryster at (814) 865-2543.

The conference is sponsored by the Pennsylvania Master Corn Growers Association, the Pennsylvania Soybean Board, and Penn State Cooperative Extension.

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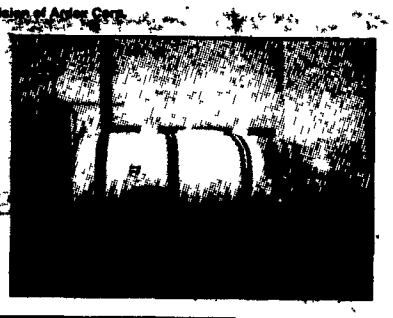

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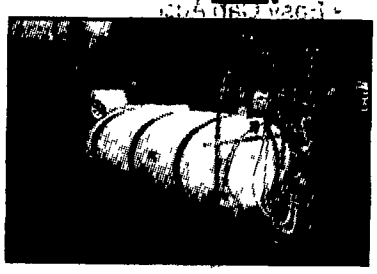

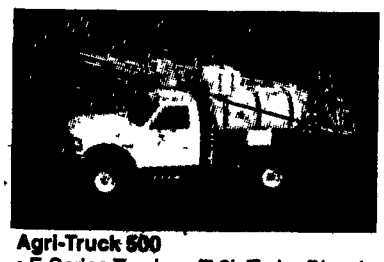

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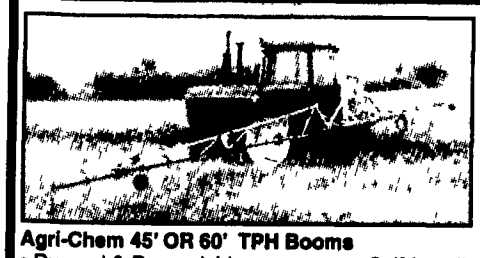

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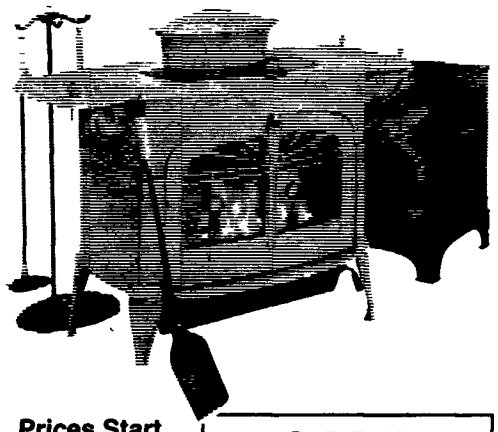

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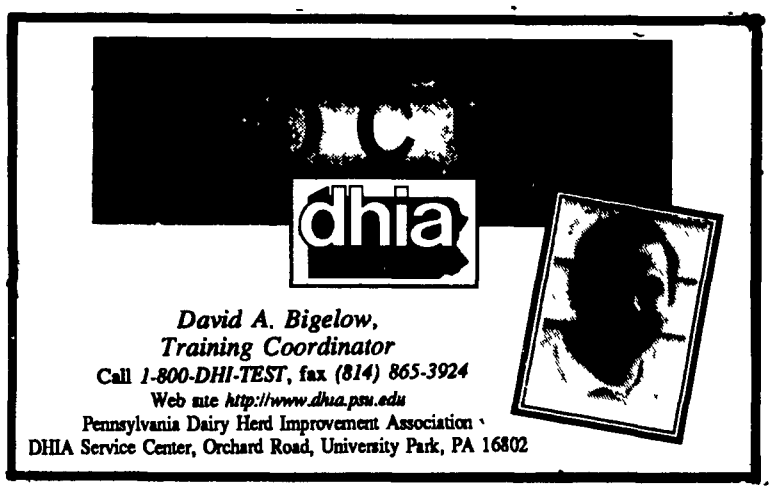
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SAP Success

TOMS SMITH
Region 4 Manager

STATE COLLEGE (Centre Co.) –Recently, a large herd started on the Sample Analysis Program. The herd manager was concerned about his Somatic Cell Count and wanted to identify the high SCC cows.

From the results, he found several cows over three million cell count. These cows did not show any clinical signs of mastitis so he used the California Mastitis Test to confirm the cows in question. He removed these cows from the bulk tank and in a short period of time decreased his bulk tank SCC from over 250,000 to 110,000. This qualified him to receive the best quality bonuses from the dairy.

With a SCC from the dairy of 250,000, many dairy producers would look at this herd and determine there is not a SCC problem. However, this producer wanted to know which cows were causing him to not obtain the bonuses available from the dairy.

Let's look at this herd and say the herd is producing sixty-five pounds of milk per cow per day. He is shipping 22750 pounds per day at $12.00 cwt. He earns $2730.00 per day or $81900.00 per month. If the three cows removed from the tank were milking 100 pounds per day, he was removing $36.00 worth of milk. By doing this he increased the value of his milk by $.40 cwt.

Now his milk is worth $12.40 cwt. and he is shipping 22450 pounds. He is now receiving $2783.80 per day ($83514.00 per month). This is $1614.00 more profit per month or an additional $19368.00 per year!

This producer's testing bill was $339.00 or $.97 per cow. By spending $.97 per cow to test for SCC he was able to obtain information to increase his profitability. Would you spend $339.00 to earn $1614.00? Do you believe he made a good decision to test his herd with PA DHIA?

I have spoken with many dairy producers that know they can obtain quality bonuses from the dairy to which they ship milk, but feel a SCC of 250,000 to 300,000 is acceptable. These people need to understand the ease of testing their herd and the importance of producing a top quality product. Many times it is only a few cows causing the problem

Somatic Cell Count quality standards are going to become stricter and we are in position to provide service to producers who need our service.

Pa.DHIA Shows Wares

STATE COLLEGE (Centre Co.) – The 1997 Ace Expo was held at Lancaster on December 17, 1997. the show was a great opportunity for people in agriculture to see the computer-related tools available for on farm and Agri-industry use. Many PA DHIA clients and supporters attended to learn more about how they can use computers on their farms.

One of the breakout sessions highlighted a discussion panel with Jim Boyer and representatives from two competing DHIA affiliates. The main discussion focused on DHIA's role in the future. Jim commented that "dairy farmer's needs are constantly changing and DHIA's role will change with those needs".

One change will be more integrated software packages, and Jim took the opportunity to preview and promote the Heifer Management program developed for release in 1998. Visitors to our booth expressed interest in obtaining the Heifer Management program as well as other software being developed.

Computers will become more important to the daily management of our client's farms and PA DHIA is set to offer the programs needed. These programs will easily integrate data collected and processed by PH DHIA and will take the Pennsylvania dairy industry into the next century.

Dairy Conference Discussion Shows PA DHIA's Leadership Role In The Future

STATE COLLEGE (Centre Co.) – The 1997 Pennsylvania Dairy Futures Conference was held at State College in December. This program was developed as an informational meeting for dairy producers and allied industry. The topics discussed showed PA DHIA is poised to help farmers with future trends in the dairy industry.

There was a wide range of speakers like Bill Eby from the Kiplinger Agriculture Letter to Dr. John Lord, Professor and Chairman of Food Marketing Department at Saint Joseph's University. The speakers presented information regarding dairy industry tends to general consumer trends.

Speaker, Monte Hemenover, Director of Industry Affairs, at Protiva spoke about the diary industry on a national basis and future consumer demands. He indicated the industry is set for good times based on his analysis of population growth, consumer demand and new dairy product marketing techniques. It is the diary industry's responsibility to develop ways to satisfy these needs.

Of major importance to the DHIA industry was his suggestion that milk will be purchased by processors demanding low Somatic Cell Counts. He has seen instances where the dairy producer was shipping milk under 200,000 SCC not because of quality bonuses but because that gives him the right to sell the milk to that processor.

With dairy industry trends like this, Pennsylvania DHIA is set for helping dairy producers meet their needs. We need to promote the PA DHIA programs in place as tools to help farmers to produce the high quality product demanded in the future.

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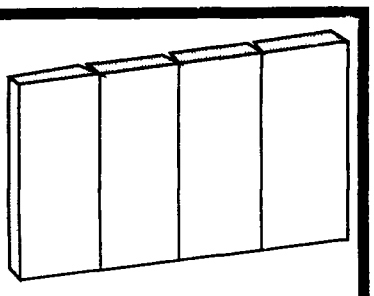

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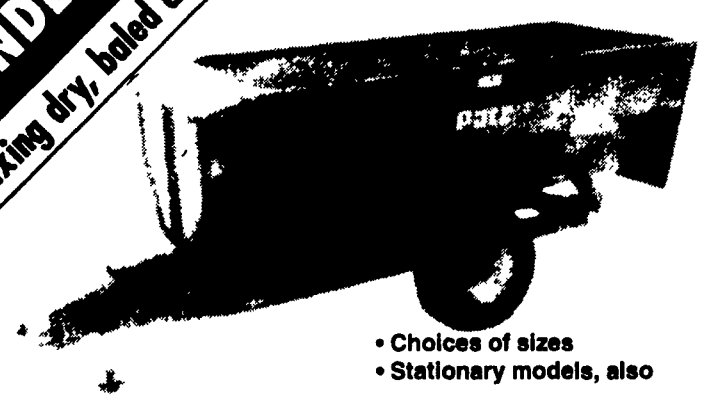

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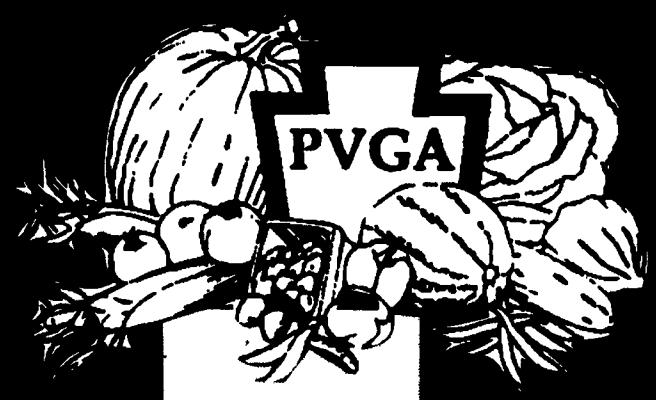

1998 Pennsylvania Vegetable Conference & Trade Show

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Tuesday, January 27, 1998

PROCESSING & GENERAL VEGETABLES
Meeting the Customer's Request for IPM Certified Tomatoes
* Tomato Disease Identification and Controls
Fertility and Ethrel Timing and Rates as They Relate to Tomato Peeling
Growing the Best Field Tomato Transplants Using Intelligent Media
** How Insect Populations Grow
* Using IPM Methods to Grow Tomatoes

DIRECT & GENERAL MARKETING
Value - Added or Specialty Vegetable Products
Setting Up Produce Displays and Signs - *Ransom Blakely, Marketing Consultant*
Large, Successful Farm Markets - panel *Linvilla Orchards, Strite's Orchards, Soregel Orchards*
Consumer Trends and Attitudes
5-A-Day - Working for You!
Effectively Working with the Print Media
What Supermarkets Want from Local Growers - *Charles Brenneman, Weis Markets*

GREENHOUSE VEGETABLES
Using Bumble Bees for Pollination
* Using Beneficial Insects for Pest Control in Greenhouse Tomatoes and Peppers
Managing Greenhouse Tomato Operations in Ontario and Penna *Tony G. Mastronardi and Boyd Mertz*
The Latest Techniques in Hydroponics and Cucumber and Lettuce Production - *Dr. Tom Papadopoulos, AAFC, Ontario*

HIGH TUNNELS AND ROW COVERS
Latest Advances in Materials and Techniques for High Tunnels and Row Covers - *Dr. Otho Wells, University of New Hampshire*
Cool Season Vegetables in Unheated Greenhouses
Growing Specialty Vegetables Under High Tunnels

POTATOES
Seed Piece Quality, Spacing and Source
Fertilizer and Water Management for Quality Potatoes
* Managing Diseases and Insects
Weed Control Update
Vine Killing, Harvesting, Handling and Marketing -
Specialty Potatoes for Your Markets

Wednesday, January 28, 1998

BEDDING PLANTS
Forcing Bulb Crops for Special Holidays Throughout the Year
• Quality of Biological Controls in the Greenhouse
Greenhouse Design Considerations
New Greenhouse Climate Control Plastic Films
Pansies for Fall - Your Customers Will Love Them
The Best Annuals for Pennsylvania
Perennials - What are Customers Looking For?
The Best Horticultural Lighting Fixtures

BASICS OF VEGETABLE PRODUCTION
* Why, When and How to Fumigate
Using Trickle Irrigation & Fertigation Effectively
How to Minimize and/or Use Appropriate Tillage
* Basic Vegetable Disease Management
Innovative, Environmentally-Friendly Machinery to Minimize Labor and Soil Degredation

SWEET CORN
* Monitoring Sweet Corn Insect Pests *(4 credits)*
* Current Status of Bt Transgenic Corn Varieties That Work For Direct Market
* Sweet Corn IPM Practices in the Northeast
* Deer, Raccoon and Bird Damage Control
* Controlling Rust in Late Plantings

BRAMBLES - BREEDING & GENETICS
New Brambles from New York
Bramble Breeding at USDA in Beltsville
New Brambles from the Maryland

SUSTAINABLE GROWING *(evening session)*
What is Sustainable Ag? Trend or Fad?
New Generation Cropping Systems
Why We Grow Specialty Vegetables
Market Opportunities for Organic Produce

Thursday, January 29, 1998

WEED CONTROL
** Modes of Action for Common Veg Herbicides
* How to Control Escape or Resistant Weeds
What the Noxious Weed Law Can Do For You
* General Cultural and Tillage Methods for Controlling Weeds in Vine Crops
* Identifying Your Worst Weeds
* Cultivators - Still An Important Tool
* Non-chemical Weed Control Methods -*Dr. Rick Bonano, University of Massachusetts*
* New Changes in Chemical Weed Control
** Clearing New Pesticides for Vegetable Crops

CUT AND DRIED FLOWERS AND HERBS
Marketing Dried Flowers
Producing and Marketing Field Grown Cut Flowers
Intensive Growing and Retailing of Fresh and Dried Flowers - *Nellie Call*
Edible Flowers - *Jill Ann Williams*, Sudden Elegance
Challenges in Herb Production and Handling

BRAMBLES
Primocane Fruiting Raspberry Cultivars
Economics of Red Raspberry Production
Greenhouse Raspberry Production
Analyzing Your Marketing Practices: Are You Planning For The Long Term?
* Standard Pest Control Practices
* Alternative Pest Control Practices

FARM MANAGEMENT
Family Business Transfers and the New Tax Law
Getting the Most from Your Teenage Workers - *Norine Larson, Private Consultant*
Dealing With Problem Customers
Practical Uses of the Computer In Direct Marketing

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** signifies topics that qualify for core pesticide applicator license update training credits.

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If you cannot attend the conference, order a written copy of the proceedings for $10.

Dairylea Elects Leadership

SYRACUSE, N.Y. – Clyde Rutherford of Otego, N.Y., was recently re-elected president of Dairylea Cooperative Inc. at the Cooperative's annual meeting held in Liverpool, N.Y.

Rutherford and his wife, Jeannette, operate a 500-acre dairy which produces 1.8 million pounds of milk annually.

Rutherford, who is also the Cooperative's District 9 director, serves on the board of directors of the National Milk Producers Federation (NMPF). In addition, he is a member of the Executive Committee and chairman of the Dairy Stabilization Committee Task Force for the NMPF.

Regionally, Rutherford is on the board of directors of O-AT-KA Milk Products Cooperative Inc., and is vice chairman of the board of directors of Atlantic Processing Inc.

Four other Dairylea members were re-elected to the Executive Committee;

Warren Beardsley of Fariport, N.Y., was re-elected to serve as the Cooperative's first vice president Beardsley, Dairylea's District 3 director, manages a 165-cow Holstein herd with help from three of his sons, Lenny, Larry and Donald. They grow 500 acres of corn, hay and wheat on their Monroe County farm.

Beardsley is active in a number of other agricultural organizations. He is a delegate of the National Milk Producers Federation, and a member of the New York Farm Bureau, Agway Inc. and the Dairy Herd Improvement Association. Beardsley also serves as vice president of the Health Foundation and the Dairy Council, and is a former director of O-AT-KA Milk Products Cooperative Inc.

Raymond Diebold of Altoona, Pa., was re-elected Dairylea's second vice president and secretary. Diebold, who has been a member of the Executive Committee since 1981, is also the Cooperative's District 6 director.

James Madigan of Towanda, Pa., was re-elected to serve as the Cooperative's treasurer. Madigan, Dairylea's District 5 director, operates a 450-acre Bradford County farm in partnership with his mother, Ruth Norton. He milks 100 Holsteins and Brown Swiss with his wife, Terri, and sons, Jason and Byron.

Raymond Johnson of Schaghticoke, N.Y., was re-elected assistant treasurer, Johnson, who is also the Cooperative's District 12 director, has been a Dairylea director since 1982.

Johnson farms in partnership with his son, Ed, on 450-acre Duelwood Farm, which is home to 140 milking Holsteins. The family farm, where Johnson and his wife, Estella, reside, dates back to 1928.

Additionally, Johnson has served as president of the American Dairy Association and Dairy Council Inc. for the past 12 years. Currently, he serves as a director of Dairy Management Inc., and is second vice president of the United Dairy Industry Association (UDIA). Johnson is also a member of the UDIA Personnel and Finance committees and past chairman of the Research Committee of the National Dairy Board.

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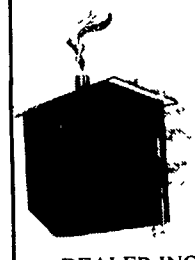

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DEALER INQUIRIES WELCOME

1997 Ends As Perplexing Year For Producers

(Continued from Page A1)

Land O'Lakes), probably the biggest story of the year was the avian influenza (A.I.) outbreak which caused great concern for producers in the state.

In mid-May, a 75-square-mile quarantine zone was instituted at the request of the industry to control the outbreak of a nonpathogenic form of A.I. virus. In mid-June, Gov. Tom Ridge authorized the state Department of Agriculture to spend $5 million to fight avian influenza.

At the end of July of 1997, it was announced by the state that the poultry shows were cancelled at this year's Farm Show.

Fortunately, relying on past experience, the outbreak was successfully controlled, and only 1.024 million birds were destroyed. Sixteen premises were affected, including two in Lebanon and 14 in Lancaster. The quarantine was officially lifted Nov. 10.

Yet, mirroring a seesaw, here-today and gone-tomorrow type of year, on Dec. 17 it was announced that a 24,800-bird turkey flock in northern Lancaster County was infected with the virus, and concerns once again resurfaced. But because of persistent efforts to maintain biosecurity, many producers weathered the storm and the poultry industry continues to revitalize itself in the state.

In this back-and-forth year of biotechnical applications in cloning, tobacco growing and harvest challenges, about the requested resignation of then-Secretary of Agriculture Charles Brosius of West Chester, there was the emerging success stories of farmland preservation, about the state Grange conducting a historic meeting in Reading, and other events that kept producers optimistic about the future of agriculture.

Political Changes

There were several major political events involving those representing Pennsylvania agriculture that were much talked about within the community, though perhaps didn't much impact the general public's opinion of the industry as a whole.

One happened in the spring. Gov. Tom Ridge requested the resignation of mushroom farmer Charles Brosius of West Chester, then secretary of agriculture.

The move resulted in an outpouring of comment and widely expressed disappointment from all areas of agriculture. Brosius had endeared himself to the constituency and to the legislature.

Ridge explained that he wanted someone else to move the state Department of Agriculture in a new direction.

Not long after, former and retired Republican leader of the state House of Representatives, Samuel Hayes Jr., accepted the position as state secretary of agriculture. Hayes noted he wants to make the Pennsylvania Department of Agriculture a "blue ribbon" agency.

The change in leadership presented some changes in function and operation. While Brosius continues to be widely admired for his diplomacy and bearing as secretary, Hayes has come on strongly as an advocate for expanding Pennsylvania's agricultural base, fostering creativity and effectiveness and providing leadership with more political savvy and international experience and understanding.

In late February last year, members of the Land O'Lakes Cooperative approved a plan to merge with the Atlantic Dairy Cooperative. The merger became effective April 1. In other merger news, PennAg and Pennsylvania Agronomic Products Association announced a merger in mid-June 1997.

The Pennsylvania State Grange celebrated its 125th anniversary during the year, passing a torch from one subordinate Grange to another across the state, Olympic-style, ending with the return of the torch to state Master William Steel during a historic pageant in Reading.

Early in October, Samuel Hayes Jr., state secretary of agriculture, signed and authorized the state's first official nutrient management plan on the 445-acre beef finishing operation, Greystone Manor Farms, located along Rt. 272. The event was significant because it marks the culmination of more than a decade of effort by many people to establish and implement a statewide nutrient management law.

Several press conferences were scheduled during the year to disseminate information about the spread of a nonpathogenic form of avian influenza virus. This one in May was held to announce to new flocks identified with the virus in the quarantine zone in northern Lancaster County. From left, John Martin, chair of the Poultry Health Committee of the Pennsylvania Poultry Federation; John Hoffman, executive director of the Pennsylvania Poultry Federation; Walter N. Peechatka, executive deputy agriculture secretary; and Dr. Sherbyn Ostrich, acting director of the bureau of animal health and diagnostic services and state veterinarian. As a result of the outbreak, the Northeast Poultry Show was cancelled, in addition to poultry shows at the state Farm Show.

Samuel Hayes Jr., Pennsylvania Secretary of Agriculture, at right, noted he wants to make the Pennsylvania Department of Agriculture a "blue ribbon" agency. A meeting of the Pennsylania Council of Farm Organizations was held early in June at which Hayes spoke. With him is Earl Fink, president of the Council.

Greystone Manor Farms, in mid-September, preserved prime farmland at the Lancaster Farmland Trust's annual picnic, held at the farm.

The Pennsylvania Farm Bureau held a news conference mid-April at the dairy farm of Ronald Kopp in Middletown. The conference was called to promote legislation to place at least a five-cent deposit on bottles and cans in the state.

A three-part bottle bill series in *Lancaster Farming* examined the challenges farmers face from the bottles dumped on their property, the damages the trash causes, and ways in which states such as Oregon successfully enacted bottle bill legislation.

Technological Breakthroughs

The general population became aware of some of the biotechnical applications occurring in agriculture and the pharmaceutical industries. In a historic event, a lamb was cloned directly from its parent.

Cloning has almost become an everyday subject in agriculture. But the news about the lamb was significant because it showed the actual application of the theory of using adult genetic material to clone genetically identical offspring.

The announcement of the clone (it took many attempts to achieve it) began a somewhat short-lived international debate about the use of the technology.

Soybean producers began making use of major herbicide-resistant varieties. Applications for genetic control, rather than chemical control, of plant pests were coming to fruition.

The entire industry is switching gradually to genetically strong strains of plants that can protect themselves from insect pressure, disease, and drought — almost, in a sense, "evolving" away from the use of strictly chemical controls.

Also, the Food and Drug Administration early in December approved irradiation of meat products for controlling disease-causing microorganisms. The approval applies to fresh and frozen red meats such as beef, lamb, and pork, and joins ranks with previously approved vegetables and fruits.

One FDA commissioner noted that irradiation of meat could provide consumers with another tool to control food-borne disease.

Precision agricultural tools were demonstrated at the annual Ag Progress Days in Rockspring. More crop growers are using satellite record-keeping to track elements of their crops to improve pesticide and fertilizer use.

Also, the swine industry is making huge strides toward the use of artificial insemination (AI) on their herds. It won't be long before a half of all breeders use AI exclusively.

Farmland Preservation

In October, on a 1,350-acre family farm in Nazareth, on the farm of the Willard Setzer family, the state government and ag leadership recognized the milestone of breaking the 100,000th acre mark in farmland preservation.

In addition, Gov. Tom Ridge signed an executive order that calls for continued cooperation between state and local agencies to protect farmland through the state's farmland preservation program, which secures development rights on that property.

Ridge noted that his order is to direct state agencies to actively seek ways to preserve the state's prime agricultural land, rather than to take a passive role.

The Setzer location was chosen because, when the family sold the development rights on a 273-acre tract of the farm for Northampton county for $1.09 million, the

(Turn to Page A28)

Farmland preservation programs in Lancaster County and throughout the state recorded a "banner" year. At the Trust's annual picnic held at Greystone Manner Farms in mid-September are, standing from left to right, Karen M. Weiss, director of land preservation for the Trust; Melissa Cauler, Trust development assistant; and Pip Ravegum, farm manager.

Vision For Ag Ed Program Begins Field Tests

ANDY ANDREWS
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — A statewide program to improve ag literacy for students in kindergarten through high school and to provide work skills for high school graduates and adults who enter the agricultural and related fields begins the first of several "field tests" this month.

In its third year, the program, Vision for Pennsylvania Agricultural Education, was funded this year with a $55,000 grant from the Pennsylvania Department of Education. The project is being conducted in partnership with Penn State University, the Pennsylvania Department of Agriculture, and the Pennsylvania Vocational Agriculture Teachers Association.

The project is being administered through the Solanco School District and is coordinated by Mimi Lufkin, project director from Christiana.

The program was envisioned three years ago to "impact all students and their understanding of agriculture and food systems," noted Lufkin. This "ag literacy" is sorely missing, according to many proponents in grade and high schools.

In meetings conducted in the past three years with teachers, students, and industry representatives, many agreed that programs are limited and don't address the need to improve all students' understanding of where food comes from.

And that's important to Pennsylvania's multibillion dollar economy that depends on the driving economic force of agriculture.

"Two percent of the population in the country are involved in production agriculture," said Lufkin. "But a much broader, larger section — 20 percent — are involved in some field related to agriculture. So we need to design school-based programs that serve that broader base."

Lufkin noted that one of the driving forces behind the Vision program was the School To Work reform movement begun half a decade ago to better prepare students for the everyday work world.

Many students weren't receiving the proper work and life skills to survive in a world with many ag-related enterprises.

One program being conducted at Chambersburg High School examines service-oriented, people skills involved in sales and marketing. The program used its annual FFA citrus sale as an application of ag business skills. Students examine all aspects of marketing fruit from advertising and inventory to cash flow and profitability.

This program has been formulated to assist schools in designing programs that help students "apply what they're learning in an experiential way," noted the project director.

Lufkin said that field testing at several sites begins this month and will continue through the 1998-1999 school year. Those initial field test sites are Chambersburg Area School District, Gettysburg Area School District, Shippensburg Area School District, Berlin Brothersvalley Area School District, Crawford Central School District (Cochranton Junior and Senior High Schools), and Conewago Valley School District.

Lufkin was instrumental in helping to coordinate the research and write up a curriculum development and program planning handbook that serves as a guideline for ag educational supervisors in elementary, high schools, and adult education settings. In addition, the handbook is designed to such a way that it can be used by community groups to design non-formal agricultural education programs. The book outlines a 12-step process to "design an ag education program to meet students' needs," she said.

The handbook was written under the guidance of students, teachers, industry representatives, and others to take into account the real-world needs of the communities in which the programs are based. The handbook "provides local schools and community groups with a step-by-step process for developing new or redesigning existing agricultural education programs that meet their communities' needs," according to a Vision flier.

Ag educational programs vary tremendously throughout the state, according to Lufkin. "A lot of it is driven by the teachers themselves," according to Lufkin, and depends heavily on their personality and their style of teaching in addition to individual program goals.

Importantly, the Vision program puts these questions in the minds of students even in kindergarten. "Kids should start to learn something about ag when in kindergarten," Lufkin noted.

Lufkin is familiar with similar projects conducted nationwide. A former high school agriculture teacher and a consultant for the ag education unit with the California Department of Education, Lufkin lives in the Solanco School District.

Serving on the project steering committee at Solanco are Arba Henry, ag instructor, and Dr. Elizabeth Logan, superintendent of the Solanco School District.

In a paper entitled "The Perfect Partnership," Lufkin outlined three things that must change if educational programs are to continue to grow in Pennsylvania: one, that the state must broaden its mission to include more nontraditional students in ag education; two, that the state must build more flexibility and rigor into the programs; and three, that educators must "move our programs into the mainstream of public education and be sure they connect or lead to outcomes perceived to be valuable by our clientele."

The Vision program serves as a "road map" into the 21st century, Lufkin noted in the paper. "The Vision for Agricultural Education Project is the vehicle that will take us into the next century."

For more information, contact Lufkin at (717) 529-6635.

Lehigh Marketing Club To Hold Classes

The Lehigh Valley Grain Marketing Club will be taking a new marketing class this winter. "Agricultural Marketing in a Multinational Environment", a class that builds on your agricultural marketing experience will start at the end of January. This is an opportunity to learn and discuss ways to put all the pieces together to get the most for your product.

Keystone Farm Credit will host these sessions.

Through past study and experience we all know that world events affect the bottom line. "Agricultural Marketing in a Multinational Environment" will help you evaluate what U.S. and world economic and political events mean to your operation. Almost any event, in any country, that has an impact on national, regional or global politics, monetary policy, agricultural production or policy affects U.S. agriculture revenues. In addition, the actions of multinational firms play an important role in the prices you receive for your crops and livestock.

Dr. Jim Kendrick, from the University of Nebraska, will be teaching this video taped class. "We will learn to identify and track events that affect U.S. and local agricultural marketing." says John Berry, agriculture marketing agent. Dr. Kendrick will show how to analyze the beginning of an event and how it might develop. We will also discuss the politics involved that might alter the evolution of these events.

The meetings will start January 19, 1998 at 6:00pm at Keystone Farm Credit, Fogelsville and continue every Monday evening for 15 weeks. In addition to these classes, the Lehigh Valley Grain Marketing Club will host speakers that will give their insight into grain markets during the monthly breakfast at the Starlite restaurant, Fogelsville. The breakfast meetings will be held the second Tuesday of each month, beginning at 7:00am. Everyone is invited to attend all meetings of the Lehigh Valley Grain Marketing Club.

Farm Show Special Issue Next Week

(Continued from Page 1)

been changed for the January 9 issue.

These deadlines are as follows:

January 9th Issue

Section D Classified Ads — 5 p.m., Tuesday, 1/6.
Farm Equipment Ads — 9 a.m., Wednesday, 1/7.
All Other Display Ads — 9 a.m., Monday, 1/5.
General News — Noon, Wednesday, 1/7.

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Millers Named Outstanding Maryland Farm Family

(Continued from Page 1)

One unique decision three years ago, adding Guernseys to their herd of 145 mostly Holstein milk cows, came from both emotion and economics. Bob grew up with Guernseys, and he likes the breed's more docile temperament. And with their higher component production, the Guernseys have increased the total milk check by increasing the differential price being paid for milk high in cheese manufacturing value.

The Millers started out with a few Guernseys, and then the Liseter herd of John DuPont became available. This famous high quality herd was scheduled to be sold for slaughter. But the Millers rescued the years of genetic development by purchasing most of the herd and bringing it to their Pleasant View farms under the name of Pleasant View Gold. The Guernseys are housed together with the Holsteins, but the DHIA records are kept as two individual herds.

Already the addition of the Liseter herd has had special benefit. Liseter Frank Etta has become famous in national Guernsey circles as the nominated All-American aged cow as a result of her local, state and national show winnings this year.

Since the Millers depend so much on their employees, they give special attention to employee relations. "We want our employees to have time for their families, the same as we want for ourselves," Bob said. "Hopefully we can create an operation the employees will be proud to say they work here."

The Millers believe the future of the dairy business depends on farmers thinking more about the consumer. Often farmers believe they need to have first consideration, but any successful business always considers the customer first.

"There are a lot of dedicated people in the dairy industry," Bob said. "Our exposure to the dairy farmers from across the nation earlier this month at the dairy conference in Florida made us aware of this fact. People will always get their milk someplace. But I doubt that they will want to pay a lot more for it. This means we need to produce milk profitably at about the price we have now. Dairymen in other countries do this, and we will need to produce dairy products in competition from world markets."

And while the older Millers talk of plans for both the business and heritage future at Pleasant View farms, Wesley, Matt, and Ben, scramble to outdo each other at a game of pool on Grandpa's table. And Matt gets in a few well-placed snow- balls before this unsuspecting reporter can form any kind of returning defense.

All this is to say that a visit with the Miller family provides a glimpse of family and farming that makes it easy to see why they have been selected as an outstanding farm family in Maryland with local, state, and national honors.

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Plushanski Farms Sells Bull

HUGHSON CA. – Plushanski Fiero-Et, Reg. 17197691, a young bull bred by Plushanski Farms, Kutztown, has been selected for sampling in the young sire proving program of Alta Genetics USA Inc., an International artificial breeding company. His semen has just been released for use in herds on DHIA test throughout the Untied States.

As a member of Alta Genetics' Genetic Opportunity "GO" Program FIERO is undergoing thorough testing. He has successfully passed his health tests and the goal now is to get daughters milking in 75 herds across the U.S. for a high reliability on his first proof.

Fiero is sired by Maizefield Bellwood and is out of Plushanski Holi Frisco. Frisco is VG 85 with a two year old record of 29,260M, 5.1% 1488F and 4.0% 1165P.

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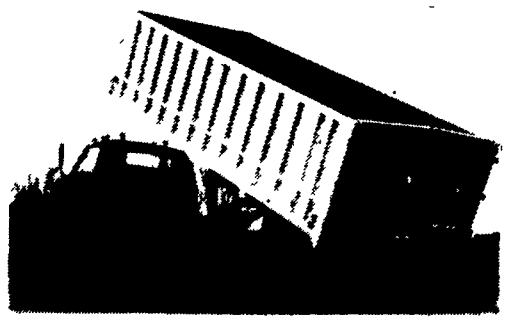

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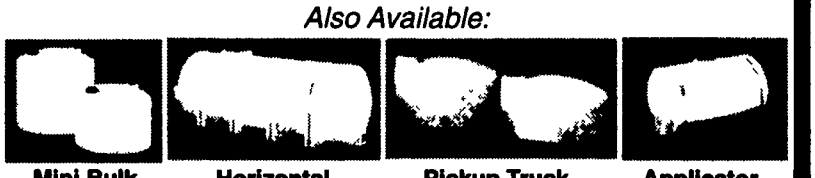

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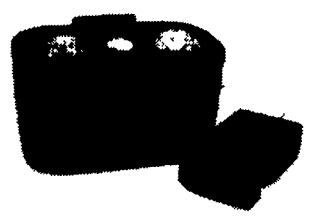

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❖ FARM CALENDAR ❖

(Continued from Page A10)

Saturday, January 17

Susquehanna County Holstein Association annual meeting.

Sunday, January 18

Monday, January 19

Beef 2000 Seminar, Penn State, thru Jan. 21.

New Holland Vegetable Day, Summit Valley Elementary School, New Holland, 9 a.m.-3:30 p.m.

Commodity Futures Basics, Lebanon Valley Ag Center, 1 p.m.-3 p.m., also Jan. 26 and Feb. 2 and Feb. 9.

Tuesday, January 20

New Jersey Annual Vegetable Meeting, Trump Taj Mahal, Atlantic City, N.J., thru Jan. 22.

Nutrient Management for Vegetable Crops, University of Maryland Plant Science Building, College Park.

Pa. Lime, Fertilizer, and Pesticide Conference, Nittany Lion Inn, State College, thru Jan. 22.

Forage School Level 1, Lebanon Valley Ag Center, 9 a.m.-3:30 p.m.

Clarion County Extension/Pa.DHIA meeting on MUN testing, Clarion Clipper Restaurant, Clarion, 10 a.m.-2 p.m.

Dairy-MAP, Focus On The Future, Farm and Home Center, Lancaster, also Jan. 27, 10 a.m.

Wednesday, January 21

Passing On The Farm Workshop, Union/Northumberland counties, St. John's United Church of Christ, Lewisburg.

Lameness In Cattle Seminar, Milton All-American Restaurant, Milton, 10 a.m.-3 p.m.

Upper Susquehanna Direct Farm Marketing Seminar, Quality Inn, South Williamsport, 9:45 a.m.-4 p.m.

Thursday, January 22

1998 Pa. State Association of County Fairs Convention, Hershey Lodge and Convention Center, Hershey, thru Jan. 24.

No-Till Conference, Westin Hotel, Indianapolis, Ind., thru Jan. 24.

Lawrence County Fruit Growers Dinner, New Wilmington Grange Hall, dinner 6 p.m., meeting 7 p.m.

Capitol Region Greenhouse Seminar, Lantern Lodge, Myerstown.

York County Ag Recognition Banquet, Wisehaven Hall, 7 p.m.

Friday, January 23

Lycoming Crops and Dairy Day, Picture Rocks Fire Company, 9:50 a.m.-3 p.m.

Centre/Clinton Crops Day, Logan Grange Hall, Pleasant Gap, 9 a.m.-2:30 p.m.

Pork Producers Seminar, Country Cupboard Restaurant, Lewisburg, 9:45 a.m.-2:45 p.m.

Saturday, January 24

Huntingdon County Holstein Association annual meeting, Marklesburg Fire Hall, Marklesburg, 7 p.m.

Sunday, January 25

37th Annual Meeting of the National Mastitis Council, American Society of Ag Engineers, International Dairy Housing Conference, Adams Mark Hotel, St. Louis, Mo., thru Jan. 28.

Monday, January 26

Adams County Corn Growers Conference, York Springs Fire Hall, 9:30 a.m.

Tuesday, January 27

Cooperative Director Institute XIV, Penn Stater Hotel and Conference Center, Penn State, thru Jan. 29.

Passing On The Farm Workshop, UGI Building, Bethlehem.

Pa. Vegetable Conference and Trade Show, Hershey Lodge and Convention Center, Hershey, thru Jan. 29.

Southwest Livestock and Forage Management Workshop Series, Cedar Brook Country Club, Belle Vernon, 7 p.m.-9:30 p.m., also Feb. 3, 10, and 17.

Chester County Crops Day, Guthriesville Fire Hall, 9 a.m.-3 p.m.

Poultry Nutrient Management Meeting, Grantville Holiday Inn, 9 a.m.-noon.

Corn Clinic, Kauffman Community Center, 9 a.m.-2:45 p.m.

Wednesday, January 28

Dairy Housing Conference, St. Louis, Mo., thru Jan. 30.

Lehigh/Northampton County Crops Day.

York County Corn Clinic, 4-H Center, Bair Station, 9 a.m.-3 p.m.

North American Bramble Growers Association meeting, Hershey Convention Center, thru Jan. 29.

Winter Conference, Otterbein United Methodist Church Hall, Sunbury, 9 a.m.-2:45 p.m.

Delmarva Ag Safety and Health Conference, Capitol Grange Hall, Dover, Del., 8 a.m.-12:30 p.m.

Thursday, January 29

Farm Financial Management School, Country Table Restaurant, Mount Joy.

Bucks/Montgomery County Crops Day, Family Heritage Restaurant, Franconia.

Dairy-MAP, Chester County Gov't Services Center, West Chester, also Feb. 4.

Turf and Ornamental Day, Lebanon Expo Center, 9:30 a.m.-3:30 p.m.

Nutrient Management Certification School, Lebanon Valley Ag Center, 10 a.m.-11 a.m.

Friday, January 30

Berks County Crops Day.

Franklin County Extension Annual Meeting, Kauffman Community Center, 7 p.m.

Saturday, January 31

Sunday, February 1

4-H Day With The Lady Lions, Bryce Jordan Center, University Park, 2 p.m.

Udder Health School, Berks County Ag Center, Leesport.

USDA To Release Summary Of Animal Welfare Issues

UNIVERSITY PARK (Centre Co.) — Experts in 14 areas of animal welfare and animal health have compiled a comprehensive anthology of discussion papers for the U.S. Department of Agriculture detailing how animals are raised and cared for on the nation's farms.

"The discussion papers are helpful in answering critiisms from animal protectionists about different practices used in animal production," says Lowell Wilson, Penn State Professor of animal science, who co-wrote the anthology's papers on special-fed veal and animal exhibits, fairs and shows. "In addition, the papers should help answer questions from the general public about how animals are raised on the modern farm."

The papers also address management practices that need to be researched further or perhaps changed to enhance animal well-being, ethics of animal production systems and the quality or wholesomeness of animal products.

The publication includes sections on care and maintenance of fish in commercial aquaculture; beef, dairy, equine production and performance; fur farming; handling of crippled or nonambulatory livestock; hunting and conservation issues; poultry; rabbits; sheep; and goats, swine and veal. There is an additional section addressing animal exhibits, shows and fairs.

Each paper is authored or coauthored by acknowledged experts in the field. For example, the section on the handling of crippled or nonambulatory animals was written by Temple Grandin, a renowned animal scientist from Colorado State University, who is an authority on animal handling and welfare issues.

Each discussion paper also lists literature citations and suggested readings. The lists include not only scientific publications for specific animal production practices, but also books and articles that criticize specific animal production practices. "An overview of the argument for and against vegetarianism is presented within one of the more comprehensive papers," Wilson says.

To receive a copy of the compendium, write the Animal Welfare Information Center, USDA/National Agricultural Library, 1301 Baltimore Boulevard, Beltsville, MD 20705-2351, or call (301) 504-6212.

Flahart New Member

ST JOSEPH, Mo. – Benjamin Flahart, New Providence, Pa., is a new junior member of the American Angus Association, reported Dick Spader, executive vice president of the national organization with headquarters in St. Joseph, Mo.

Junior members of the association are eligible to register cattle in the American Angus Association and take part in Association-sponsored shows and other national and regional events.

The American Angus Association is the largest beef registry association in the world, with more than 31,000 active adult and junior members.

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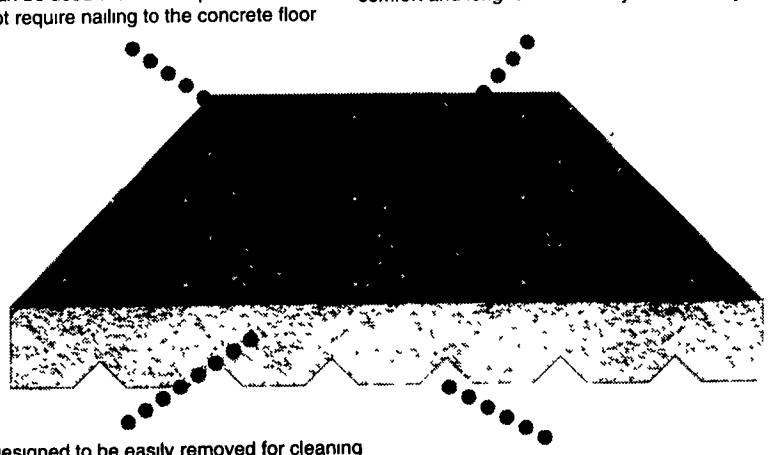

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1997 Ends As Perplexing Year For Producers

(Continued from Page A24)

acreage pushed the state total over the 100,000th acre mark. Many agricultural dignitaries were on hand at the historic event.

Shows

At the Pennsylvania Holstein's Fall Championship Show at the Farm Show Complex in Harrisburg in September, Wind Drift AJ Natema, a 6-year-old cow owned by the Ford City syndicate of Alex Claypoole, Mark, Campbell, and Doug Beatty, was named grand champion.

Obie Snider, owner of Singing Brook Farm, Imler, was selected to receive the 1997 Pennsylvania All-American Dairy Show Image Award.

Blue Mountain High School's Envirothon team became the national champion at the Johnstown Campus of the University of Pittsburgh.

Tobacco Challenges

During a pregrowing season seminar, Penn State extension specialists warned Lancaster County and regional growers about avoiding some sources of transplant stock because of the fear of introducing a fungicide-resistant strain of blue mold.

However, some growers ignored the warning and put the entire south central Pennsylvania crop at risk, importing diseased plants.

Those same specialists called an emergency meeting early in July in Leola and quickly designed an effective spray application modification to typical boom sprayers used so that growers could protect their investments.

Despite the drought, harvest went on and the curing season was dry. It resulted in a fine tobacco crop. However, the major tobacco processors, as of presstime, still hadn't approved the buyers to bid on most of the county's crop at auction, so sales remain largely unrealized.

In mid-August, Lancaster County tobacco farmers began harvesting their $20 million cash crop a little behind schedule. Growers endured a blue mold outbreak but the crop, with good curing weather, came out looking pretty nice in time for an unfortunately sluggish auction season. In the photo, Eugene Rohrer, Strasburg, is driving the tractor with son Mike and Chris Beller loading.

Almost on a daily basis, more farmers are switching to some form of rotational grazing on their dairy farms. These farmers near Kirkwood, Arden and Caroline Landis, were featured in the special Foraging Around section in the July 12 issue of Lancaster Farming. *Photo by Andy Andrews*

Wind Drift AJ Natema won grand champion of the Pennsylaniva Holstein Association's Fall Championship Show in September at the Farm Show Complex. From left, show judge Robert Fitzsimmons stands with state dairy princess Nichole Meabon. Myling Good and Alan and Sandy McCauley hold their reserve grand champion banner. Tom McCauley holds the halter of the animal, leadsman Gary Culbertson holds the halter, and Mark Campbell and Doug Beatty stand with their children and the grand championship banner. Sarah Campbell holds the banner, and Lindsey Beatty, Kayla Beatty, Rachel Campbell, and Thomas Beatty stand in front.

Holstein News Letter

The Maryland Holstein Association

Anita M Hill, Secretary-Treasurer
15029 Grimes Road, Emmitsburg, MD 21727-7827
(301) 447-6473

MEMBERSHIP RENEWAL

It is once again time for the yearly renewal of your Maryland Holstein Association membership The remittance envelope is included in this newsletter and should be returned to me before February 1, 1998 There is no change in the membership fee since last year. For those who want to be listed in the Breeders Directory as a part of BreederNet (<http://www.breedernet com), you will find a new line in the right hand column of the remittance envelope for that $20 annual fee. State membership allows you to register your animals at the lowest price, subscribe to the Holstein World at a lower rate, receive the weekly Farmshine, the quarterly Southeastern Holstein News, the Maryland Annual booklet, newsletters, and the All-Maryland calendar. Your membership also helps fund our many youth programs, as well as other association work in the areas of breed improvement, and cattle and milk promotion

Please note: The board of directors has approved the publication of our membership list, addresses and phone numbers, in the 1998 Maryland Annual If you **do not** wish your name to appear in that listing, please write **"do not publish"** above "new state member" on the remittance envelope

1998 STATE CONVENTION

Hosting the 1998 state Holstein convention will be the Upper Chesapeake Holstein Club This club is made up of Harford and Baltimore County breeders who have chosen Harold Smith, Monkton, to chair this convention They are planning on hosting the day meeting and evening banquet Saturday, March 14, 1998 at the Maryland State Fairgrounds, Timonium In a change from previous conventions, the Maryland State Sale will be held almost four weeks later in conjunction with the Spring Show at Timonium Plans are underway for an evening sale April 9, 1997. Robert & Eric Knutsen are managing the sale Selectors will be looking for high quality consignments for the sale in the near future

Complete convention information, with registration forms, will be included in the January newsletter

THIS & THAT

- Did you hear that Kevin Ehrhardt, Baldwin, was awarded the Judi Collingsworth Outstanding Junior Exhibitor award at the Eastern National Show Recipients are selected because of their high level of participation in Jr programs, excellent herdsmanship, knowledge of cattle and sincere interest in agriculture with the ability to communicate that to others
- Kelly Myers was elected to serve on the national Junior Advisory Committee for the northeast area This committee makes suggestions for improving the junior program and helps with the national junior convention
- We extend our sympathy to the Jack Remsberg family, Frederick Co , in the death of their daughter, Gail Waeber, and also to the Charles Savage Family, Montgomery Co , in the recent death of Irene Savage
- Thanks, Lisa Schwartzbeck & Nancy Powel, for chaperoning our convention dairy bowl teams

1997 ALL-MARYLAND AWARDS

Spring Calf	MD-Dun-Loafin Char Mizz-ET	Paul Harrison III
Winter Calf	Savage-Leigh Emperor Sassy	Ryan M. Savage
Fall Calf	C Blondin Stardust Lassy -ET	William Iager
Summer Yearling	Kents-Reserve Black Jill	Darren Hollingsworth
Spring Yearling	Savage-Leigh Funny Face	Ryan M Savage
Winter Yearling	Derrwyn Encore Ladel	Dusty Derr
Fall Yearling	Lylehaven MD R Rosette-ET	William Iager
Jr. 2-Yr-Old	MS Hygerian Samantha	Elliott A. Kueffner
Sr. 2-Yr-Old	Savage-Leigh Lead Chrissy	Chip Savage
Jr. 3-Yr-Old	Delbon Astre Rhoda	Dun-Loafin Farm
Sr 3-Yr-Old	Savage-Leigh Broker Dela-ET	Kelli Ann Savage
4 Year Old	Peace & Plenty Just Kaye	Joseph A Schwartzbeck
5 Year Old	Hallanary Inspir Leah	Michael C Iager
Aged Cow	Ehrhardt Astro Jody-ET	Kevin A. Ehrhardt
100,000 Cow	Savage-Leigh Lyle Gwen-ET	Wayne & Cindee Savage
Produce Of Dam	Savage-Leigh E Star Grace	Wayne & Cindee Savage
Best Three Females		Wayne & Cindee Savage
Jr Best Three Females		Wayne & Cindee Savage

(Turn to Page A29)

Holstein News Letter

(Continued from Page A28)

1997 JUNIOR ALL-MARYLAND AWARDS

Spring Calf	Savage-Leigh BC Sabrina-ET	Ryan Michael Savage
Winter Calf	Peace & Plenty Mic Peaceful	Davis Schwartzbeck
Fall Calf	Savage-Leigh Sunshine Joy	Jami Leigh Savage
Summer Yearling	Kents-Reserve Black Jill	Darren Hollingsworth
Spring Yearling	Savage-Leigh Funny Face	Ryan Michael Savage
Winter Yearling	Derrwyn Encore Ladel	Dusty Derr
Fall Yearling	BJ-Remeac Broker Daphne	Darren Hollingsworth
Jr 2-Yr-Old	New-Direction Carrie	Cory R Christman
Sr. 2-Yr-Old	WVA-Greystone CA C Elegant	Jeffrey T. Sutton
Jr. 3 Yr-Old	Eternal Flame Skybuck Iva	Jacob Pieper
Sr 3 Yr-Old	Garstlyn Astre Amy	Amy Iager
4 Year Old	Ehrhardt Astro Annie	Kevin A. Ehrhardt
Aged Cow	Ehrhardt Astro Jody-ET	Kevin A. Ehrhardt

HOLSTEIN FIELD REP CHANGES

David J Lentz has been assigned all of Maryland, and parts of surrounding states, as a Field Representative of Holstein USA. Tom Dum has retired from full-time work; however he will still work part time as needed Clarence Stauffer will work with marketing only. Raised on a Registered Holstein farm, David was recognized as a 1992 National Distinguished Junior Member. He is a graduate of Penn State University and previously served an area from Southwest Virginia to Florida for Holstein USA. David attended the October state board meeting and is an enthusiastic young man who is very knowledgeable about the Holstein industry David lives north of Harrisburg at Duncannon, PA. He can be reached by phoning 717-834-6786 For individual questions or problems, breeders are still encouraged to phone Holstein USA at 800-952-5200 and talk to member services

Explore The Internet With Dairy Friends At State Convention

UTICA, N.Y. – "Exploring the Internet" is a presentation not to be missed at the 1998 All Breeds Convention, held at the Radisson Hotel in Utica, NY on January 30 at 2 PM. For everyone's convenience it will be held just before the social hour and NY Convention ET sale. This session is open to all dairy producers regardless if you attend any other convention sessions.

A "'surfing the web" demonstration by Jay Mattison, Request, Ltd., will combine his dairy experience with how-to's about the World Wide Web. Mattison, a former dairy sire analyst, has numerous dairy clients and is practical and informative in his presentations.

Neil Hammerschmidt, Holstein Association USA, will talk about use of the internet at the Association and show how downloading of pedigrees and interim sire summaries can save you time and paper! Hammerschmidt will discuss two additional computer services; calf registration and Multi-Mate, cow mating program using Red Book Plus

Mike Brown, American Jersey Cattle Association will give examples of the Jersey breed's use of the web to register calves. Working since mid 1997, they plan to be registering calves via the internet in March 1998.

Plenty of time will be allowed for questions at this informal session. For more information contact *Holstein World* at 1/800-334-1904 ext 21 The program is sponsored by HFW Communications, Inc. publishers of *Holstein World, The Western Dairyman, Midwest Dairy Business* and *Lechero Latino*

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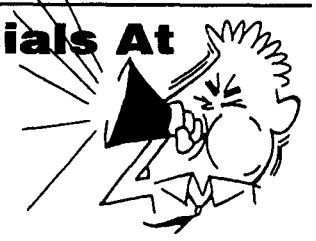

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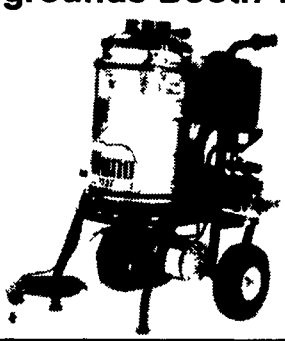

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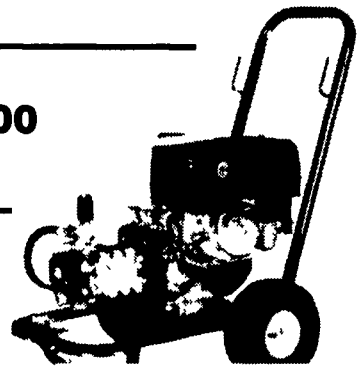

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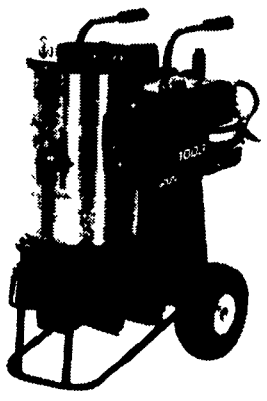

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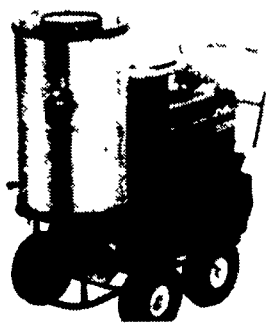

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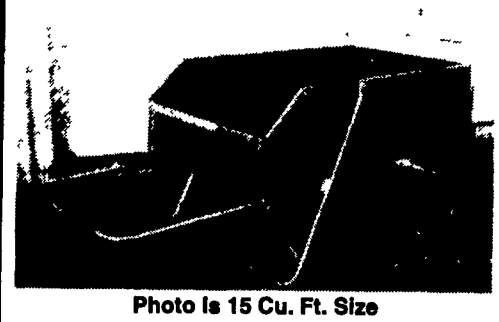

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Dairy Management Column

GEORGE F. W. HAENLEIN
Extension Dairy Specialist
University of Delaware

Dairy Farmers and the Internet

I used to answer questions that came into my office by phone and mail with information from my own files and from books and journals. Now, the electronics age has crept up on me, rendering obsolete many of the tools I used to use.

Who still uses a slide rule? Or a desk calculator with a big keyboard and a noisy carriage? Or an IBM typewriter with its revolving letter font? Today we couldn't give away these one essential and expensive pieces of equipment. Instead, we carry pocket calculators and portable computers, which do all the chores of those tools and much more, much faster. It's like changing from riding a bicycle to driving a Lincoln Towncar. Learning to handle the bicycle was easy, but these new electronic things! It takes a lot of IQ and more than a little patience. But we cannot go back to the bicycle; we must move forward to keep up with the more competitive world.

In addition to my old-fashioned address and phone number, I now have a fax number, an e-mail address and a Worldwide Web address. Who knows what's next? Whether I like it or not, "traffic" is coming in on these new addresses and I have to respond. A few years ago we changed the Delaware DHIA over to an electronic system. So far, the transfer to computers has gone smoothly, and it is so much faster for input and turnaround results. We no longer mail papers; the only sending we do now is shipping samples. With electronic milk meters in the milking parlor, milk-per-cow-day data on the UD dairy herd can be transferred monthly without a technician or tester. And it's legal and tamper-proof. We need a tester only four times a year for sample taking. Soon that too may become electronic.

Yet only a minority of DHIA herd producers have desk computers. I'm surprised at the slow pace of adoption. It reminds me of the changeover years ago from cooling and shipping milk in cans to installing a cooling tank at the farm and shipping by tank truck. Many farmers were slow in seeing the advantages of that advancement, but today there are few can-shippers left.

So, did you get a computer this Christmas, or are you in the market for one in the New Year? I can't wait to see all our dairy farmers with computers. The options are many, depending on the capacity of the computer memory. A typical desk computer will cost between $1,500 and $5,000; the convenient, but more sensitive, portables about 50 percent more. Our DHIA testers take portables into the milking parlor for recording of data directly; however, this has necessitated more repair, because computers and cow environments in the parlor or barn do not mix well.

There is a new language associated with computers. People who talk about computers often sound as if they are from another planet. A desktop computer is a "PC," a portable is a "laptop," and both are "hardware." Programs that run on computers are "software." Don't asked me why traditional English is not good enough. Most computers operate using a "mouse," a device that moves the"cursor" across the computer screen.

The word processing function of my computer has replaced my typewriter. It's faster, and it makes storing, sorting and editing much easier. Spreadsheet software has replaced the old columnar pads,making financial bookkeeping, multiple data records, statistical analyses and graphic displays simpler. I used to keep a 3-ring binder with me that contained single pages for each cow and calf and their continuous health, reproduction and production history. A laptop does this much better. And when I connect the computer to the phone using a modem, I can get data from the DHIA computing center.

I now use the computer to send information instead of mailing it. With the Internet and the World Wide Web, I can search for information, even from technical journals that is otherwise accessible only visiting a university library. A modem, preferably one with high speed, is needed for this as well as a lot of computer memory capacity. For me, e-mail is no friend, yet it has become a necessity. So many people are using it, it may replace traditional mail. World Wide Web and e-mail are part of Internet, which is a worldwide connection of computers, that allows you to get information on virtually any topic from around the world.

The Internet even provides bulletin boards called Listserv, where people can read and reply to messages. For dairy farmers, consultants, veterinarians and processors, Dairy-L is popular and used by more than 3,000 people from 40 countries.

"Browsing" is the term applied to searching the World Wide Web, via a "search engine," such as Yahoo, Lycos and Web Crawler. This allows users to access documents and texts from around the world, including home pages of organizations. Home page is like a catalog of the many departments, personnel and products of an organization as big as a university or as small as a dairy farm.

For example, if you want to find information about mastitis in goats, select a search engine and the topic 'mastitis." The search will yield many, maybe thousands, of "hits," which then have to be narrowed down by adding the subordinate topic "goat" or any other species.

"Bookmark" is a term for going directly to a frequently used web address or "site." There are many web sites related to the dairy industry, university extension and research, expert consultants, weather channel, feed prices, dairy markets for milk, cheese, butter, non-fat dried milk, future prices for milk and grain. Even magazines such as "Hoard's Dairyman," "Dairy Herd Management" and "Dairy Today" have web sites, which have articles from current and

(Turn to Page A31)

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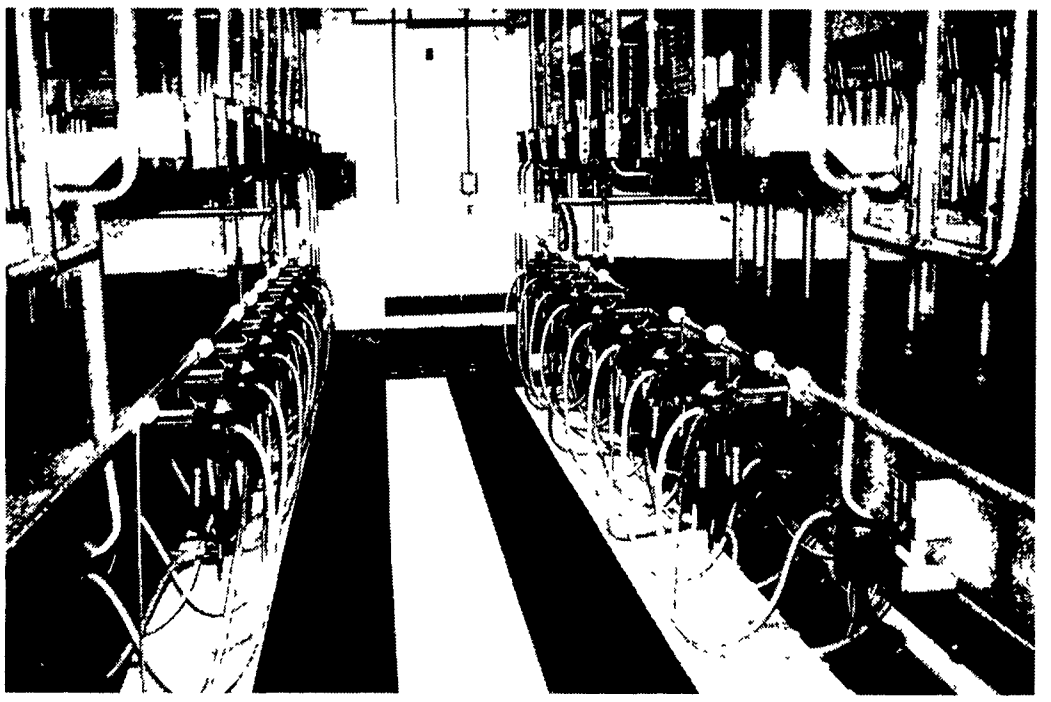

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Molly Blackburn To Show Sheep At Farm Show

LINDA WILLIAMS
Bedford Co. Correspondent

BEDFORD (Bedford Co.) — Linda and Bob Blackburn did not grow up on a farm but it was a dream they had for their children. The 17½ acres with the big rambling farm house they found 12 years ago was the answer to that dream. It allowed them to introduce their three children, Andy, Eli, and Molly, to the world of sheep. Today, they have 27 Suffolk and Suffolk cross ewes.

"We didn't know much ourselves," laughs the jovial Linda, "But, we were willing to learn and we asked the experts." The Blackburns purchase their sheep from the Lyn Lee Farms near State College. Lyn Lee is owned by Dr. Clair and managed by Steve Taylor.

"It's paid off for us," Linda says. "We've had five reserve champions at the Bedford Fair and, last year, showed the reserve champions at the Bedford Fair and, last year, showed the reserve champion at the Pennsylvania State Farm Show. Last summer, four of the six called back for Grand Champion were ours."

First Andy showed at the Farm Show, then Eli, and now 12-(soon to be 13-)year-old Molly has joined the ranks of Farm Show exhibitors.

"Molly has been an excellent help in the sheep barn," her mother says. "She is always there when I need her!"

Because of close observation, the Blackburns lambing rate has been extremely good. "I get up every two hours during the lambing season," Linda says.

"As a result, all of the kids have learned to cook. It becomes a real family adventure."

The close attention paid off when, this past spring, when one ewe produced a 21-pound baby. "Molly and I both helped her," Linda says, "and we were proud of our accomplishment!"

It was the Farm Show that introduced the Blackburns to Lyn Lee which shows prize winning breeding sheep. "We not only buy our sheep from them, we ask their advice on everything," Linda says.

"We buy all of our feed and we feed them well. And, we keep our own bucks for breeding."

Two floppy Hungarian Sheep dogs lope around the Blackburn yard and, enjoy playing with, as much as guarding the sheep.

Several horses and some pygmy goats complete the Blackburn dream of owning a small farm.

And, again this year, they will be joining the ranks of much larger sheep farms with Molly and her ewe, Elsie.

Molly has been spending long hours preparing the sheep for the big day ahead.

Molly Blackburn shows one of her Suffolk sheep that she plans to add to the competition at the Farm Show.

FFA LEADERSHIP FOR A Lifetime ©

Dairy Management

(Continued from Page A30)

previous issues, plus market information and links to their sites. A complete list of dairy related sites is on: http/./www.wam.umd.edu/~markv/bookmark.htm. The web address of Dr. Mark Varner at the University of Maryland, Dairy Extension and Animal Science Department.

The Internet is quickly becoming a routine vehicle of answering questions and managing the dairy business intelligently, by accessing sources and people nationally and internationally with a seemingly unlimited line of topics. My UD e-mail address is: george.haenlein@mvs.udel.edu, and my dairy columns are on the web at: http://bluehn.ags.udel.edu/deces/dairycol/dc-/list.htm

In future, dairy farmers will buy feed, sell milk and cheese, file applications, discuss with neighbors and experts and search for new information to the daily challenges—all by using the internet. For some of you, this is happening already, for others, may the New Year give you the means and motivations to move into the electronic age of the Internet (at your pace, of course) with satisfaction of greater accomplishments.

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Crops Program

Dairy Program

9:50 a.m. - Introduction

10 a.m. - 10:40 a.m. "Yield Monitors --Are They Right for You?"
Lynn Hoffman, Penn State

10 a.m. - 10:40 a.m. "Milk Prices Trends and Issues and Federal Order Reform"
Robert Yonkers, Penn State

10:40 a.m. - 11:20 a.m. "Transgenic Crops Do They Work, Do They Pay and What's Still To Come?"
Dennis Calvin, Penn State

10:40 a.m. - 11:20 a.m. "First on the Scene--Farm Safety"
Bill Messersmith, Lycoming Extension

11:20 a.m. - noon "Drought Control" Compaction, Tillage and Residue.
Lynn Hoffman, Penn State

11:20 a.m. - noon "Milk Futures - Should You Be Forward Contracting?"
Robert Yonkers, Penn State

12:00 - 1:15 Full Hot Lunch: $6.00

Visit Exhibitors

1:15 p.m. - 1:30 p.m. Five Acre Corn Awards

1:30 p.m. - 2:30 p.m. High Oil, Brown Midrib and Silage Variety Corn--Are they worth growing? What's in the future? Plus review of '97 crop year
Greg Roth, Penn State

2:30 p.m. - 3:00 p.m. 1997 Crops Day - Results, Value, '98 Plans
Ralph Devillers, Pioneer Seeds / Tom Murphy, Lycoming Extension

LYCOMING COUNTY CROP AND DAIRY DAY: FRIDAY, JANUARY 23, 1998

Name(s)_____

Address_____Zip_____

Lunch - $6.00 Amount Paid $_____

Registration Deadline: Friday, January 16, 1998

Please make checks payable to: Lycoming County Extension
and mail to: Room 409, Courthouse
48 West Third Street
Williamsport, PA 17701

Lycoming Crops, Dairy Day Set

PICTURE ROCKS (Lycoming Co.) — The Lycoming Crops and Dairy Day is scheduled for Friday, Jan. 23, at the Picture Rocks Fire Company from 9:50 a.m.-3 p.m.

During the winter months, it is important to step aside from some of the busy tasks that take time on a farm and attend a meeting to update your skills for the future. Profitability is the key to success and it can be achieved by staying current with the newest technologies.

This year's Crops Day is intended to offer insights on many of these technologies and the practicality of adapting them to your operation.

The crops segment of the program includes yield monitoring technology, transgenic crops, and information on "drought control" compaction, tillage, and residue. The dairy segment includes information on milk price trends and issues, farm safety, and milk futures.

A corn specialist will examine the use of high oil, brown midrib, and silage variety corn.

A hot lunch will be served for $6 per person. For more information, contact the Lycoming County extension office at (717) 327-2350.

Flock Has A.I.

HARRISBURG (Dauphin Co.) — Agriculture Secretary Samuel E. Hayes Jr. announced Wednesday that a flock of 121,400 laying hens in Lancaster County has been found to have the H7N2 avian influenza virus.

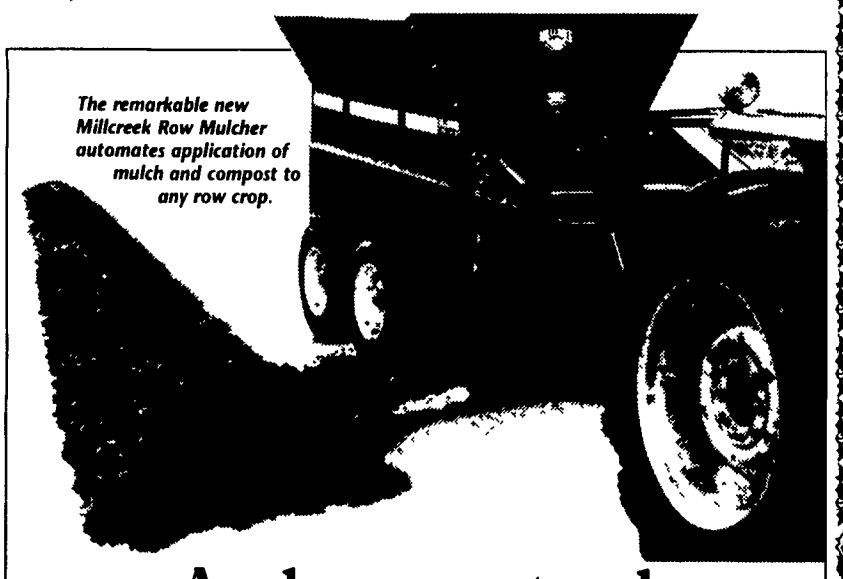
This is in the vicinity of a flock previously identified with the virus. A site quarantine has been imposed.

"We believe this is an isolated case. The flock will not be destroyed but will be used for study purposes," Hayes said. "We continue to stress the need for very strict biosecurity throughout the poultry industry."

One turkey flock was identified with the virus on Dec. 17. The recent incidences have been discovered through intensive testing and the cooperative efforts of the Agriculture Department and the poultry industry.

In June, Gov. Tom Ridge signed legislation to appropriate $5 million for Lancaster and Lebanon county poultry producers affected by the outbreak which began last December. Through mid-July, 16 cases had been identified, affecting a total of 1.8 million laying hens.

The H7N2 virus has never been found in humans. All poultry products are safe for human consumption.



The remarkable new Millcreek Row Mulcher automates application of mulch and compost to any row crop.

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The versatile Millcreek Row Mulcher makes different sized mulch beds as you need, from 18" to 48" wide, from 1/2" to 10" deep. A mulching program can help you produce a healthier crop while reducing pesticide requirements

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We would like to take this opportunity to wish all of our current and past customers and their families the happiest of holiday seasons.

We have closed our receiving locations until Monday, January 5th, 1998. At that time, we will resume receiving contracted tobacco. All contracted tobacco must be delivered by Monday, January 12th, 1997.

This tobacco should be graded into 3 grades. (Tips, Middles, and Bottoms). Any green leaves, damaged, diseased, or shed burnt leaves should be picked out to be baled separately into outgrade bales. There are no exceptions!

If you do not have a contract with us, call us at either location on Monday, January 5th for any delivery instructions we may have. Please grade your tobacco in 3 grades as well. It will make a difference.

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2) Why your crops are only yielding 30% of genetic potential?
3) Why yield ceilings are set within 15 - 20 days of germination?

Call (717) 786-4075 today to discover how advanced technology can increase your profits, or plan to attend one of the following meetings.

1. Bird In Hand Farm Supply
200 Maple Ave., Bird In Hand
January 8, 1998 12:15 p.m.

2. Marvin Zook Farm
5640 Limeville Rd., Gap
January 23, 1998 12:30 p.m.

- ❑ Pesticide Points (2 core and 2 category.)
- ❑ Door Prizes !!!!!!! Reservations are encouraged but not required.
- ❑ Call *Advanced Agronomics* @ (717) 486-4075 with questions.

Positioning Your Dairy Business For Success

Glenn A. Shirk
Extension Agent, Lancaster County, Pa
December 1997

Keeping Up With Rising Costs

The cost of living and the cost of farming keep going up However, the price dairy farmers received for their milk has been rather flat for the last few years, and it could be that way for another few years That will make it more difficult for families to "make ends meet"

How much money does your family need per year - - now and in the future? As you estimate this for your family, consider the rising cost of living and your retirement needs See Table 1 Look at the projections for the year 2010, and for 2030! To maintain desirable future standards of living, farm profits should increase about 10% per year

Table 1 The Rising Cost of Living

	% Change	Family Living Needs		
Year	in CPI	Low	Med	High
1985	3 7	15,776	23,664	31,553
1990	6 7	20,000	30,000	40,000
1995	4 2	24,849	37,273	49,697
2010	4 0	44,751	67,127	89,501
2030	4 0	98,056	147,082	196,109

Note CPI is the consumer price index

Knowing your family's needs can help you determine how much profit you need per cow and per cwt. of milk shipped The formulas below can help you calculate this for your farm

(Annual needs _____) divided by (number of cows ____) = margin needed per cow ___
(Annual needs _____) divided by (cwt. milk shipped ____) = margin needed per cwt ____
- or -
(Annual needs _____) divided by (realistic margin per cow ___) = no cows needed ____
(Annual needs _____) divided by (realistic margin per cwt ___) = cwt milk needed ____

You also need to prepare for retirement and you should start doing that at a very young age Don't depend on Social Security to support you in your retirement years Start early to fund your retirement plan and off-farm investments on a regular basis. Also, you may not want to rely on the sale of the farm as your retirement package, especially if you want your business to continue, because this could create major tax burdens and capital costs for the next generation

Size and Production are Important

Let's assume your family needs $30,000 profit per year from the farm Table 2 shows how much profit margin you will need per cow and per cwt of milk shipped, at various herds sizes and at various levels of production, to cover this $30,000 family allowance - - or to cover any other $30,000 farm expense item.

Table 2 Annual Cost of a $30,000 Expense Item per Cow and per Cwt of Milk Shipped

No.	Per Cow	Cost per Cwt. of Milk Shipped - - at Various Productions					
Cows	Per Yr	15,000	18,000	21,000	24,000	27,000	30,000
50	***600***	***4.00***	3 33	2.86	2 50	2 22	***2.00***
100	***300***	***2.00***	1 67	1 43	1.25	1 11	1 00
200	150	1 00	.83	71	63	56	50
400	75	50	42	36	31	28	25
800	36	.25	.20	.17	.15	13	12
1600	18	13	10	09	08	07	06
3200	9	06	05	04	04	03	03

Let's assume we have 50 cows and ship 15,000 lb. of milk per cow We just spent $30,000 That will cost us $600 per cow per year, or $4 00 per cwt of milk shipped We can cut the cost per cwt in half by doubling production, but the cost per cow remains the same Or, we can double herd size and cut both costs, cost per cow to $300 and cost per cwt to $2 00 No doubt, you'll find it easier to double herd size than to double production per cow. Size and production are important, and you need the skills to manage both. Increasing herd size generally requires more capital than increasing production and the cost of borrowing capital is discussed below

Doubling herd size could increase debt per cow by $2,000 Table 3 shows us that a $1,000 debt load per cow, financed at 8% for 10 years, will cost about $146 per year to service For $2,000 of debt per cow the cost doubles to about $292 per cow, that about wipes out the $300 reduction per cow in column 2 of Table 2 from doubling herd size Thus, we will have to expand at less cost or increase production along with the expansion, which may be difficult to do

Table 3 Annual Cost of Servicing $1,000 of Debt per Cow and per Cwt of Milk

Length of	Cost/Cow/Yr. at Two Rates		Cost of an 8% Loan per Cwt of Milk Shipped at Various Levels of Milk Production				
Loan	8%	10%	15,000	18,000	21,000	24,000	27,000
5 yr	243	255	1.62	1.35	1.16	1 01	0 90
10 yr	***146***	159	0 97	0 81	0 70	0 61	0 54
15 yr.	115	129	0 77	0 64	0.55	0 48	0 43

Another form of expansion is increasing production per cow, production per acre, and output per worker This may require less capital investment than a herd expansion However, production can only be pushed so far until you start reaching a point of diminishing returns As you push for more production, keep comparing incremental costs with incremental gains Know your abilities and limitations plus your likes and dislikes Do you have the ability to sustain high levels of production without experiencing negative setbacks at some future date?

Generally speaking, an economical level of production appears to be around 19,000 lb of milk *shipped* per cow per year Each 1,000 lb of milk produced above this 19,000 lb level will net about $50 additional profit per cow per year These figures of course, vary from farm to farm

Focus on Margin of Profit - Not Just Total Profit

Focus on margin of profit Herd size, production per cow and least-cost production are important only if they contribute to desirable profit margins The larger the profit margin per cow or per cwt. of milk shipped, the less sensitive your business is to changes in prices and costs of production. Small margins of profits can quickly be wiped out with only the slightest change in prices and costs In Table 4, both farms are making $30,000 profit now, but the larger farm is doing it by shipping 3 times as much milk Because of the volume of milk shipped, the impact of a $1 00 or $2 00 drop in milk price is also 3 times as great ($27,000 vs $9,000) A $1.00 drop nearly wipes out the large farm, but the smaller farm still has a $21,000 margin Please note this is not to imply that smaller farms generally have a larger margin of profit

Table 4 Profit Margins vs Size (assumes 18,000 lb milk shipped per cow)

	50-Cow Herd with Larger Margins			150-Cow Herd with Smaller Margins		
	per	per	per	per	per	per
Situation	Farm	Cow	Cwt	Farm	Cow	Cwt
Cwt. milk shipped	9,000			27,000		
Original profit margin	**30,000**	600	3 33	**30,000**	200	1 11
$1.00 drop in milk	-9,000	-180	-1 00	-27,000	-180	-1.00
Profit after $1 00 drop	**21,000**	420	2 33	**3,000**	20	0 11
2nd $1 00 price drop	-9,000	-180	-1 00	-27,000	-180	-1 00
Profit after 2nd drop	**12,000**	240	1 33	**(24,000)**	(160)	(0 89)

Parameters and Characteristics of Successful Dairy Businesses

At a recent dairy meeting, Dr David Galton, of Cornell University, was optimistic about dairying in the Northeast A number of things are working in our favor, some of which are

Our farms are smaller, but more secure, because of greater profit margins per cow
We can grow low-cost, high quality forage.
We have an available supply of low-cost water
We can sustain higher production levels with less environmental stress on cows
We have more opportunity to manage downside risks because of greater diversity
We are within easy reach of about half of the US consumer market

(Turn to Page A35)

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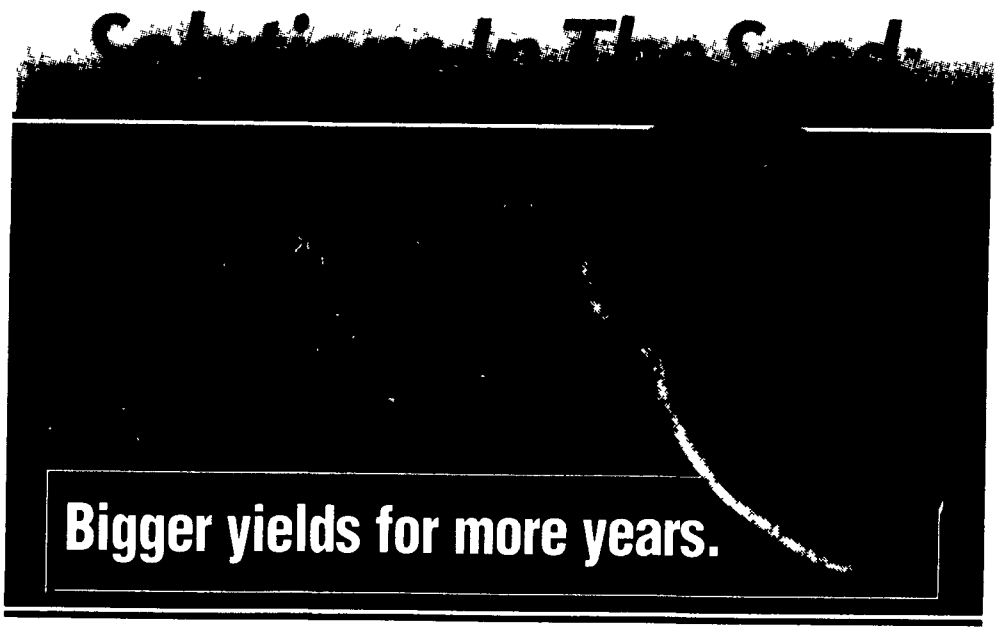

Evolution A high-yielding, very persistent variety that combines excellent winterhardiness with fast recovery after cutting. Provides high levels of resistance to the major diseases of alfalfa and also resists leafhopper yellowing.

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Holstein Association USA Taking Proactive Role

(Continued from Page A15)

evident as the need, ironically, for such ID is becoming much more necessary. The Holstein Association of Animal Breeders (NAB), the Dairy Herd Improvement (Dhia) system, and APHIS have created what we believe is a way to fill this void."

Other countries around the world have already taken steps to regulate animal identification. European Union (EU) policy after January 1, 2000 will require any beef or dairy animal sold interstate in the 15-member EU to have birth-to-plate individual identification. Every animal will have to have its ID attached no later than 20 days after birth; that identification code will follow it through a mandatory beef labeling system. The EU regulation also denotes that "animals imported from other countries...must be subject to the same identification requirements."

Canada has also implemented a nation-wide dairy ID system. National Livestock Identification (LID). It's purpose is to provide a means to identify every dairy animal with an approved national tag and unique number at birth or prior to leaving the farm. KID will also build an automated supporting database and integrated surveillance network for tracking animal movement. Similar plans for the Canadian beef cattle industry are under way.

"The United States must make significant and immediate progress with our domestic animal recording and information systems to be competitive in international trade," said Gerardo Quaassdorff, Executive Director of International Marketing & Development at the Holstein Association. "Our farmers cannot afford to lose their export markets."

In 1996, President Clinton and U.S. Agriculture Secretary Glickman announced a new approach to food safety that would modernize the inspection program of slaughter and processing facilities. The program initiated by the Holstein Association supports 'pre-harvest" food safety by improving the on-farm practices of animal agriculture.

What's Happening in Other Countries

Europe

EU regulation - as of January 1, 2000, any beef of dairy animal will have to have their ID attached no later than 20 days after birth...and that identification code will follow them through a mandatory beef labeling system.

IDEA Identification Electronique des Animaux) – The IDEA project is being implemented in January 1998. The large-scale project covering a period of three years, has been established to evaluate the performance of the electronic identification devices.

- *1 million animals of three species (bovine, sheep, and goats)*
- *Seven countries*
- *Three types of RFID (Remote Frequency Identification) transponders*
- *Evaluate the preformance of the devices, slaughterhouse recovery and the data transmission to the database.*
- *Determine which is the appropriate technology (in terms of type of transponder and reader types) to be fully implemented in the EU livestock industry.*

Canada

NLID (National Livestock Identification) – provides a means to identify every dairy animal with an approved national tag and unique number at birth or prior to leaving the farm gate. It will build an automated supporting database and integrated surveillance network for tracking animal movement.

National Identification for the Canadian Beef Cattle Industry –overall objective is to have an individual animal traceback system for animal heath and product safety in place by January 1999, to assure domestic and international customers' confidence in production practices.

Pork Producers Find Real Marketing Solutions

INDIANAPOLIS, Ind. – In today's marketing system where volatility and industry consolidation continue to present pork producers with challenges, National Farmers Organization (NFO) is emphasizing that it's important for them to stay up on the latest trends and create their own marketing safety nets.

"Producer's have many tools for profit available to them so they can flourish in the changing industry," said Richard Ellinghuysen, director of program development. "They need to apply those sound marketing strategies to their operations, and enjoy the financial advantages of doing that."

And as the next millennium arrives at the doorsteps of American pork producers, NFO at its national convention unveiled two brand-new ways for producers to market their quality hogs.

The *Pork Profit Network* provides special negotiated cash sales and gives producers greater market access. The second new opportunity, *Pork Profit Contracts*, takes advantage of four different contracts and gives producers a superior cash-flow plan.

"Today's pork producers need to remember that it's very important to use both negotiated cash sales, and contemporary pricing techniques to earn a profit in their farm businesses," said Ellinghuysen.

Using networking, the industry's best technique for profiting in the hog markets, NFO introduces Pork Profit Network. It provides producers with added value, increasing producer income by as much as $10 or more per head.

"In 1997, in the hog market, price swings ranged nearly 40 percent, so that illustrates the impact that consolidation in the industry has had on producers," Ellinghuysen said. "Producers need a way to succeed, and the advantages of networking together is the way everyone from extension to the pork producer's council is advising."

NFO professionals negotiate with major packing companies, which pay more for the reliable, quality supply Pork Profit Network offers them. One PPN feature, DataTrack. puts all the hog performance information in black and white, including premiums, backfat, yield, loin depth, sort, weight averages and fat-free lean index. "Producers can use this information to improve genetics in their operation and provide higher quality pork to America's consumers," Ellinghuysen said.

Pork Profit Contracts capitalizes on the new Chicago Mercantile Exchange lean hog contracts, just introduced in 1997, and give producers a fixed base price for up to 12 months. One aspect of PPC, the Hedged Cash Flow Contract, provided price potentials of $78.05 per hundred pounds, including average premiums, in the first three quarters of 1997.

"To succeed today, producers need to use marketing plans providing a variety of strategies and risk management tool," Ellinghuysen explained. "With Pork Profit Contracts, producers earn more consistent returns, manage market volatility and focus their marketing plans on a better future."

Foundation Offers Scholarships

ST. JOSEPH, Mo. — For the first time, the Angus Foundation will offer $20,000 in college scholarships to young people who are active in the Angus breed.

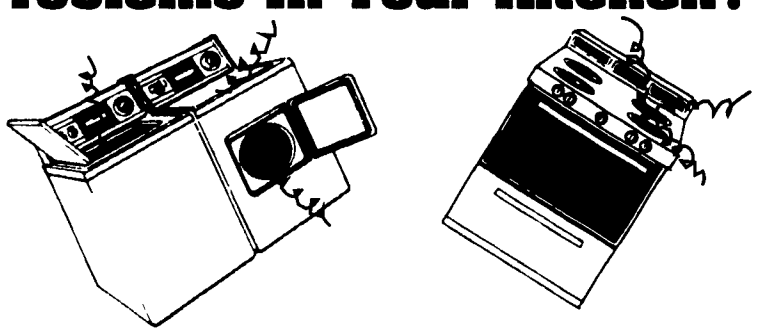
The awards, which will consist of two $2,500 and 15 $1,000 scholarships, will be presented at the 1998 National Junior Angus Show, July 20-25 in Indianapolis, Ind.

To be eligible for the scholarships the applicant must meet the following criteria:

- **They must have at one time been a National Junior Angus Association member and be a junior, regular, or life member of the American Angus Association.**
- **The applicant must be a graduating high school senior or must be enrolled in a junior college, four-year college/university, or other accredited institution of higher education.**
- **The applicant cannot have reached their 25th birthday prior to the year of application.**
- **The scholarship must be applied to undergraduate studies and is applicable to any field of study.**
- **The applicant must show proof of enrollment in an institution of higher education before the scholarship check is issued.**

Scholarship applications can be obtained by contacting the American Angus Association junior activities department at 3201 Frederick Blvd., St. Joseph, MO 64506, (816) 233-3101. Deadline for submitting completed applications is May 15, 1998.

Problems In Your Kitchen?



Did cooking for the Holidays burn out your range elements?
We stock surface and bake units for many brands of ranges.
Does your dryer take too long to dry?
We stock elements for most dryers. Just a reminder, make sure the vent is not blocked with lint. The lint blocks the air flow and can be a fire hazard.
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Please Call for a price quote on any parts you may need.
Wishing you and yours a happy New Year.

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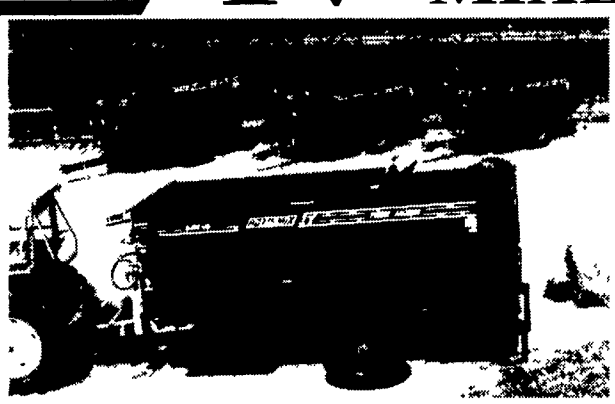

The ROTO-MIX professionals know that quality feed means increased consumption, therefore, higher production levels. With ROTO-MIX IV you reduce fines, minimize shrinkage, and eliminate dead spots. The gentle tumbling action mixes fragile flaked and high-moisture ingredients without grinding, resulting in a fluffier, more nutritional ration.

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Positioning Your Dairy Business For Success

(Continued from Page A33)

We are also within easy reach of the Canadian market - if it ever becomes available
We are the furthermost distance away from the lowest-cost milk producing regions
We have a lot of highly competitive, efficient farms.
We have a good infrastructure to support a viable dairy industry
We have a good mix of large and small farms, which complement each other
Our producers are more willing to share ideas, practices and data for the benefit of all

However, we do have some challenges ahead of us, and to maintain a competitive edge in the industry, we may have to change some of the ways we conduct our farm business. We will need to keep a clear focus on the things that really count Dr. Galton discussed the following parameters and characteristics of successful dairy farm businesses:

Main Factors Affecting Farm Profitability.
- Productivity - - per cow, per acre and per worker
- Herd size - - spread overhead cost and increase efficiency
- Cost control - - both overhead and operating costs
- Debt service - - total debt, debt servicing cost and investment strategies
- Milk price - - quality premiums, shop around and negotiate for prices

Business Parameters (these figures are debatable and vary with size and kind of farm)
- Cows per worker - - about 30 to 50 or more
- Milk shipped per cow - - about 19,000 lb.: add another 1,500 to 2,000 lb. for 3X milking
- Milk sold per worker - - about 600,000 to 1,000,000 lb. or more
- Cost per cwt. milk - - $10.00 to 11 00 or less
- Profit margin per cwt. milk and per cow - - over $600 per cow
- Capital investment per cow - - $4,000 to 6,000 Keep to a minimum
- Debt per cow - - less than $2,000; $3,000 temporarily during expansion
  - Affects return on assets (see below)
- Debt service cost per cow - - less than about $300-500
- Rate of return on assets - - about 5 to 10% over prime interest rate

Management Characteristics of Profitable Dairy Farms:
- They have excellent control of fixed and variable costs
- They form bargaining groups and negotiate favorable prices, bulk discounts etc
- They work with low debt or no debt at all.
- They keep capital investments to a minimum
  - Cows generate income.
  - Buildings, machinery and equipment do not generate income
    - They keep cows healthy and productive, and improve labor efficiency
    - But, they are an expense item! Keep them to a minimum!
- They have high levels of production.
  - Lower productivity can be profitable IF - -
    - Costs are reduced appreciably
    - Market prices are increased appreciably.
  - Focus on long-term profit margins, not just short-term gains
- They have a diversity of farm enterprises (extra crops for sale or for emergency feed)
- Some have non-farm income
- They start early to plan for their retirement and for the transfer of the business

Four States Livestock

Hagerstown, Md
December 31, 1997
Report supplied by Auction

SLAUGHTER COWS: UTILITY 34.50-39.00; HIGH DRESSING 39.75-41.00; CANNERS 29.00-34.00; SHELLY 29.00 DOWN.

BULLS: YG#1 1300-1500 LBS. 44.00-45.75.

FED STEERS: CHOICE 1200-1450 LBS. 65.00-67.75; LOW CHOICE 63.00-64.75; SELECT 54.00-59.00.

FED HEIFERS: FEW OFFERED.

VEAL CALVES: CULLS 85-110 LBS. 27.00-34.00; 60-80 LBS. 20.00-30.00.

FARM CALVES: HOLSTEIN BULLS #1 90-120 LBS. 90.00-115.00; #2 85-95 LBS. 38.00-75.00; HOLSTEIN HEIFERS: 85.00-110.00 LB. 60.00-95.00; FEW BEEF X BULLS AT 90.00.

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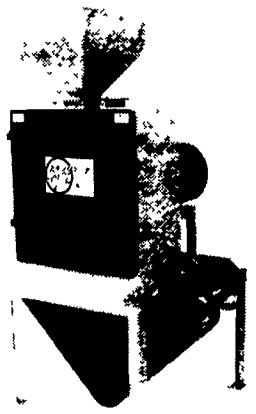

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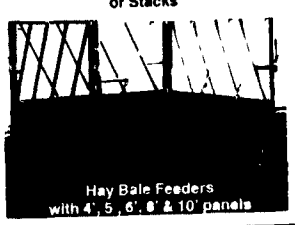

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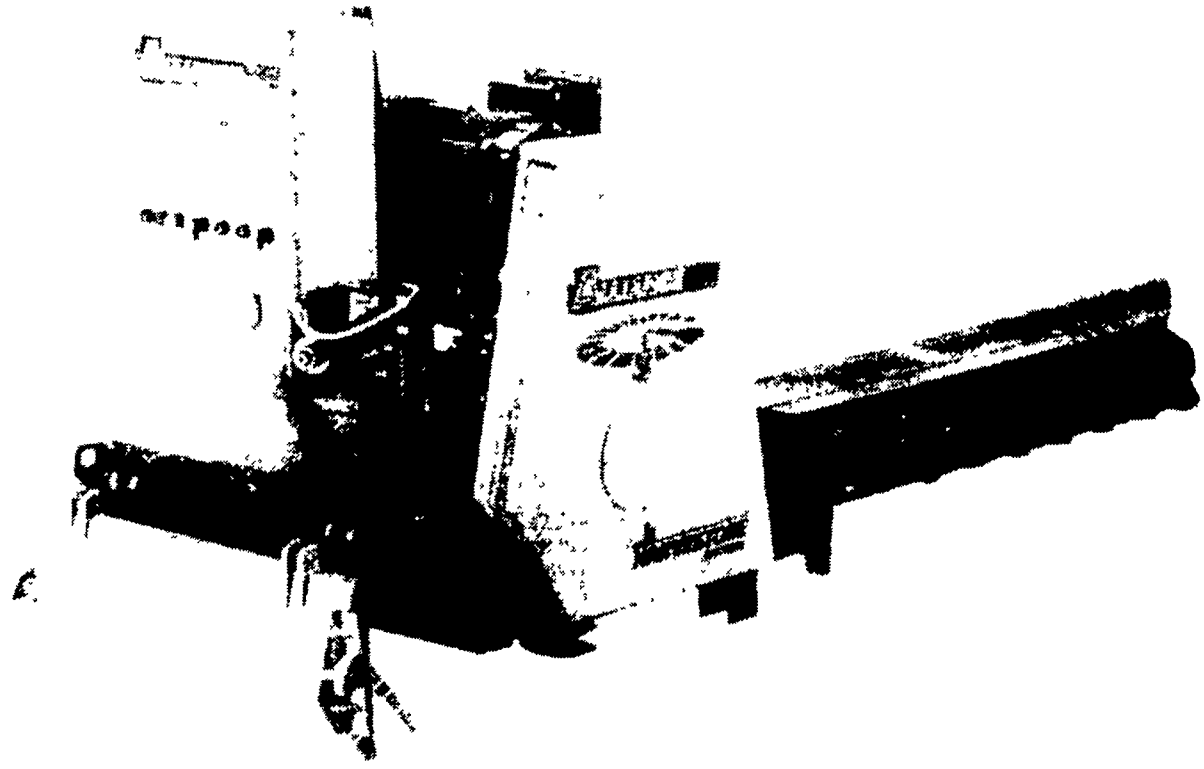

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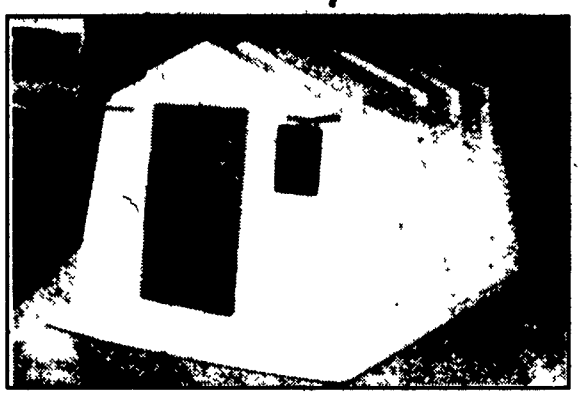
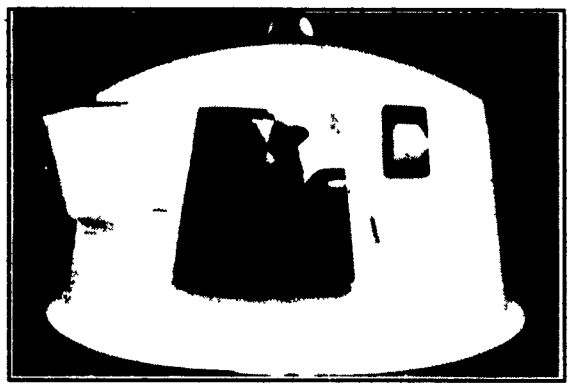


Poly Square Big Foot Calf Nursery (Opaque) 5 1/2' x 8'



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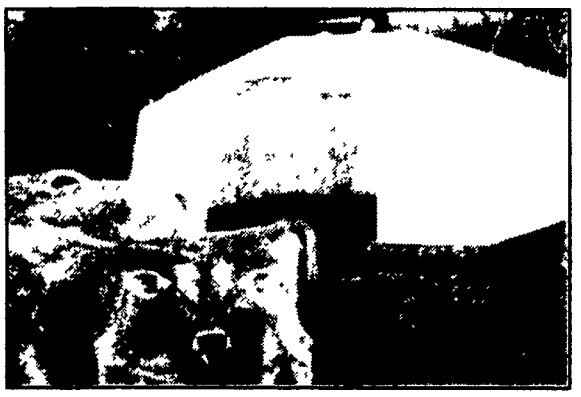

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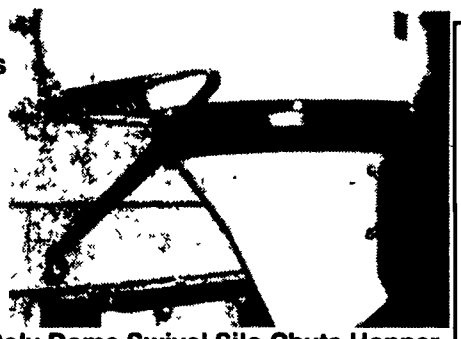

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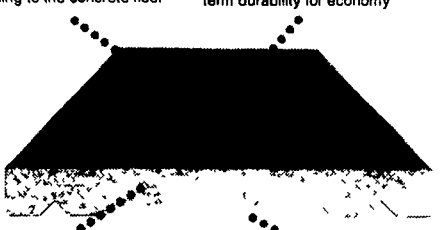

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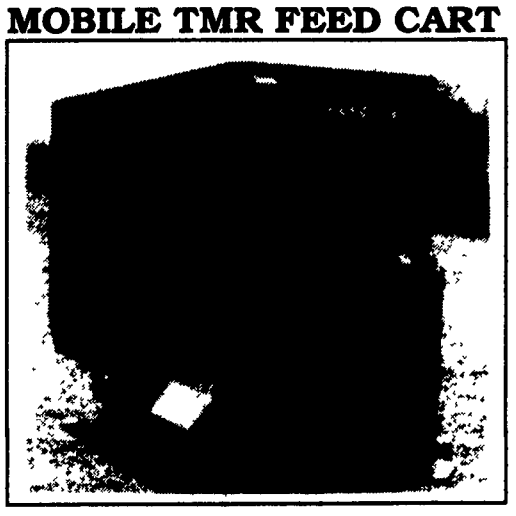

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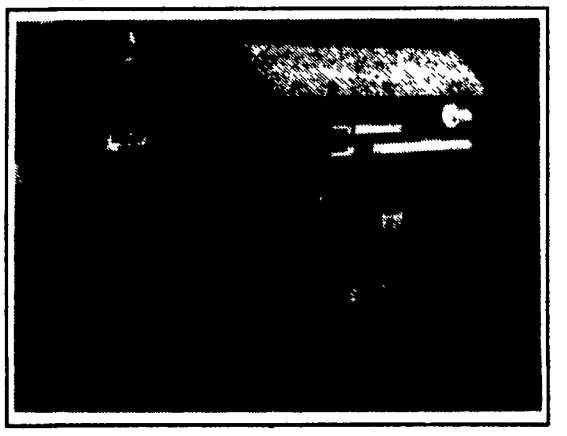

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Home on the Range

Refreshing Citrus Tastes

Local fresh fruits are gone. But the wonderful taste of fresh fruits are still available thanks to supermarkets that ship in produce from sunny locations.

This is the time of the year when citrus fruits are at their peak. Take advantage of the wonderful refreshing flavors and the nutritious contents of these by using the following recipes.

FRUIT AND CRAB SALAD

6-ounces lemon gelatin
½ teaspoon crushed rosemary
1 cup fresh orange sections
1 cup fresh grapefruit sections
1 pound fresh crab or imitation crab meat
½ cup chopped onion
1 tablespoon chopped fresh parsley
3 drops hot sauce
⅓ cup mayonnaise
1 teaspoon prepared mustard
¾ cup sliced celery

Dissolve gelatin in 2 cups boiling water. Add 2 cups cold water; chill until partially set. Fold in rosemary, orange, and grapefruit sections; spoon into 1½ -quart ring mold. Chill until firm.

Drain and chop crabmeat. Place in a medium-sized bowl.

Mix onion with parsley, hot sauce, mayonnaise, mustard, and celery. Pour over crab and toss until mixed; chill. Unmold gelatin onto large serving plate; fill center with crab mixture. Garnish with salad greens; serve immediately. Yield: 6 servings.

I made this without the rosemary and used Miracle Whip salad dressing instead of mayonnaise and it turned out great!

Helene Hertzler
Morgantown

BROILED GRAPEFRUIT

1 grapefruit
1 tablespoon granulated or light brown sugar
1 teaspoon butter
2 maraschino cherries, drained

Cut grapefruit in half. Section each half. Sprinkle each half with 1½ teaspoon sugar and dot each half with ½ teaspoon butter. Place a drained cherry in middle. Broil under broiler until batter is melted and sugar is lightly browned. Serve immediately. Serves 2.

PINEAPPLE CHEESECAKE TORTE

2 packages (11.1 ounces each) plain no-bake cheesecake mix
16-ounce frozen pound cake, thawed, cut into 2x1-inch sticks
2 cans (8 ounces each) crushed pineapple
2 cups milk
2 tablespoons caramel or butterscotch ice cream topping
Sliced almonds, toasted (optional)

Spray 8-inch springform pan with vegetable cooking spray. Prepare 1 packet graham cracker mixture acording to package directions (reserve second packet for another use). Press mixture onto bottom of pan. Stand pound cake pieces on end around side of pan.

Drain pineapple, reserve 3 tablespoons juice. Set aside ¾ cup pineapple for topping.

Beat together two cheesecake filling packets, remaining pineapple, milk, and reserved juice until well blended. Pour mixture into reserved pan.

Drizzle caramel topping over cheesecake filling. With knife, swirl topping into filling for marbled effect. Cover; chill 4 hours or until firm.

Place torte on serving plate; remove pan sides. If desired, wrap ribbon around torte and tie in a large bow. Garnish top with reserved pineapple and almonds. Remove ribbon before serving.

PINEAPPLE BANANA SMOOTHIE

1½ cups pineapple juice
½ cup powdered milk
1 ripe banana, sliced
2 scoops vanilla ice cream or pineapple sherbet

Blend juice, powdered milk and banana. Add ice cream or sherbet. Blend until mixture is smooth. Serves 2.

Melanie Harris
Lycoming Co. Dairy Princess

PINA COLADA

3 cups milk
1½ cups ginger ale
1½ cups crushed pineapple
1 teaspoon coconut flavoring

Combine ingredients in a blender until frothy. Before serving, combine mixture with ½ cup crushed ice. Mixture yields 48 ounces.

Jill Broshchart
Sullivan Co.
Alternate Dairy Princess

Clockwise from left are Mini Upside Down Pineapple Cakes, Pineapple-Pear Tart, Pineapple Cheesecake Torte, and Four-Layer Pineapple Ginger Cake.

PINEAPPLE-PEAR TART

½ package refrigerated pie crust
¾ cup dried apricots, cut in quarters
20-ounce can pineapple chunks
1 to 2 ripe pears, cored, thinly sliced
⅓ cup dried cranberries
4 teaspoons cornstarch

Preheat oven to 450 degrees. Roll one pie crust into 12-inch circle. Lay carefully in 10-inch tart pan with removable bottom or pie plate. Flute edge; pierce dough with fork. Bake 8 minutes; remove from oven.

Reduce heat to 375 degrees. Drain pineaplle; reserve juice. Set aside.

Arrange pear slices on bottom of tart; sprinkle evenly with apricot quarters, pineapple and cranberries.

Combine reserved juice and cornstarch in saucepan. Bring mixture to boiling. Reduce heat; simmer 2 minutes or until thickened and clear. Spoon mixture evenly over fruit.

Bake tart 35 to 45 minutes or until crust is golden brown and fruit tender. Cool. Serve warm or at room temperature.

FUZZY NAVEL

4 cups milk
4 cups orange juice
2 cups sliced peaches
8 scoops vanilla or peach ice cream

Combine ingredients in a blender until creamy. Yields ½ gallon.

Jill Broshchart
Sullivan Co.
Alternate Dairy Princess

ORANGE SWEET POTATO TREATS

Cut and juice oranges, figuring on 2 servings per orange. Scoop out each half. Cook, peel, and mash several sweet potatoes, using some of the orange juice, dash of salt, and a bit of honey, and melted butter to taste.

Place about half of mashed potatoes in empty orange rind (more or less depending on size of orange).

Make topping as for apple crisp:
⅔ -¾ cup brown sugar
½ cup flour
½ cup oatmeal
¾ teaspoon cinnamon
¾ teaspoon nutmeg
½ cup soft butter

Sprinkle on top sweet potato filling. Bake at 350 degrees until crumbs are browned.

Helene Hertzler
Morgantown

PINEAPPLE COOKIES

1 cup shortening
1 cup brown sugar
1 cup crushed pineapple with juice
1 cup chopped walnuts
1 egg
4 cups sifted flour
1 teaspoon vanilla
½ teaspoon salt
½ teaspoon baking soda

Combine all ingredients. Beat until well mixed. Drop by teaspoonfuls onto lightly greased cookie sheet. Bake at 350 degrees until lightly browned. Remove from oven and let cool for 5 minutes before removing from cookie sheet.

Janice Gee
Horseheads, NY

(Turn to Page B3)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

January -	10-	Build A Better Breakfast
	17-	Soups & Stews
	24-	Pizza Month
	31-	Low Fat Recipes

Featured Recipe

Here's a delightfully easy and eye-appealing dessert.

MINI UPSIDE DOWN PINEAPPLE CAKES

2 cans 20-ounces each pineapple slices
⅓ cup butter, melted
⅔ cup packed brown sugar
1 package yellow or pineapple-flavored cake mix
Red raspberries or maraschino cherries

Drain pineapples; reserve juice.

Stir together melted butter and brown sugar. Evenly divide sugar mixture into 3-incyh greased muffin cups. Arrange pineapple over sugar mixture.

Prepare cake mix according to package directions; replacing water with reserved juice. Evenly pour batter into muffin cups. Bake at 350 degrees for 20 to 25 minutes or until toothpick inserted in center comes out clean.

Cool 5 minutes. Loosen edges and invert onto serving platter. Place raspberries in center of pineapple slices.

Family Living Focus

Marlene O. Nash
Multi-County
Nutrition/Health Agent

A Healthy Weigh for 1998

As the new year begins, many of us make a resolution to lose a few pounds. While this is a great time to consider a weight loss, the plan may become a short-lived one. Here are some strategies to help stay on track throughout the year.

•Think "doggie-bag." Whenever dining out, plan to take at least one half of your meal home. Even lower fat meals can reach 1,000 calories because of the large portions given at restaurants.

•Speaking of portion sizes, eat less. Many people still consume the same amount of food that they ate when they were younger and more active. But most people need fewer calories when they reach their forties and beyond. Learn to eat a half of a sandwich instead of a whole one. But still have that apple for desert!

•Focus of fruits and vegetables. To stay healthy and lose weight, make these your usual snacks and occasionally have low fat candy, cookies, or cake.

•Avoid the "no-fat" cookie syndrome. Although cookies, cakes and candies are labeled fat-free, the calories can add up quickly if you eat too many. Pay attention to the serving size listed on the food label and stick to that amount.

•Think before you drink. Calories from alcoholic beverages, fruit drinks, punches, soft drinks, and specialty coffee drinks, can add on pounds if you drink them freely. Limit your consumption of these beverages and have calorie-free drinks, such as water, seltzer, diet sodas, plain coffee and tea.

•Control the condiments. Regular salad dressings, mayonnaise, and other extras can drastically increase the calorie load of low calorie foods like a salad. Be careful with portion sizes at the salad bar or use non-fat substitutes.

•Fast food options. Those who eat at fast food restaurants realize that many of the burger and fries choices are loaded with calories and fat. Choosing a grilled chicken sandwich, holding the mayo, a stuffed pita without the dressing, or a junior hamburger can keep the calories low. Add a side salad and low fat milk and you have a more complete meal. Avoid the "meal-deal combos."

•Overall, don't say no. If you have a strong craving for a high fat food, eat just a very small portion, rather than denying yourself. In the long run, you won't feel deprived and therefore, won't be tempted to cheat and give up your weight loss plans altogether.

REAL

Citrus

(Continued from Page B2)

SANTA'S SURPRISE

1 gallon vanilla ice cream
46-ounce can pineapple juice, chilled
10 (7-ounce) bottles lemon-lime soda, chilled
2 (6-ounce cans) frozen orange juice

Combine pineapple juice and orange juice in punch bowl slowly pour in lemon-lime soda. Ice cream can be scooped directly into punch bowl or individual glasses. Top with maraschino cherry. Makes 30 cups.

Melanie Harris
Lycoming Co. Dairy Princess

CITRUS ORANGE SALAD

2 (6 ounces each) packages orange gelatin
2 cups boiling water
6-ounce can frozen orange juice concentrate
8-ounce can mandarin oranges with juice
1 pound 4 ounce can crushed pineapple with juice

Dissolve gelatin in boiling water. Add remaining ingredients. Stir to combine and let set. May pour into mold of your choice. Refrigerate until set.

Sarah Clark
Breezewood

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Todd & Cecil Irvin
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Todd & Cecil Irvin, State College, Pennsylvania

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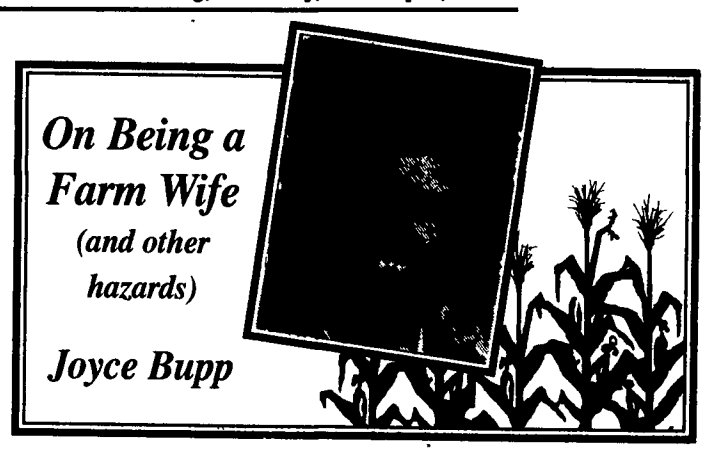

Skeletons rattle, all about us.

But it's not Halloween. It's January., And the skeletons rattling aren't those of scary spooks, but of our deciduous trees, stripped to their dormant, bare-bones state.

Gone are the stately, regal lines of the oaks in full leaf as they stand guard over the woodlot. Gone is the lush fullness of the maples around the house, devoid of their thick canopy giving us shade and coolness. Gone are the green fountain-look of the willows, their slender fronds cascading like waterfalls to the pond at their feet.

Poor things. They all look so vulnerable.

The winter winds toss them about, with no leafed insulation to blunt the biting cold. Freezing rains, common to our borderline location between rain and ice snow zones, periodically coat every bark-covered surface with a burden of ice that the weaker and more exposed cannot tolerate. They snap off, tumble down to litter the ground below, ultimately becoming kindling fodder for the woodstove.

Still, the silhouette of a tree in wintertime has its own particular haunting beauty. The old sycamores of the neighborhood are especially gracious trees, admired for their beauty, symmetry and interesting bark of contrasting shades. One venerable sycamore that guards the edge of the little stream in the meadow below the farm is a special favorite. A strikingly lovely tree anytime, it becomes a regal queen when dressed in the glittering sparkle of new snow coating each bare limb.

And, stripped of their summer fullness, the trees give up secrets hidden for many months.

About forty feet above the edge of the yard, one of our maples dropped its leave to reveal a large, conical-shaped object of papery-gray. The hornets that designed the nest should be long gone by now; it would be a prize for display. Hornets may be nasty but they're smart, constructing their self-contained colony right out on the slender, fragile twigs at the very end of a wide-sweeping old limb.

My joking suggestion to The Farmer that he could climb up and retrieve it for me in some spare moment is met with laughter. He is not a tree climber, I'm the one who spent half my childhood hanging out in tree branches.

So, unless we get our hands on some utility company's boom truck, the hornets' home is safe, except from the relentless wind and weather. Those natural forces will ultimately be the giant nest's undoing, either dumping it down all at once or–more likely–shredding it with persistence into bits and pieces.

A host of other nests dot the bare limbs jutting up around the landscape. Several neatly-woven homes of twigs and grasses among the maples hint of the robins and finches which raised their families under the leafy cover. A few more called the pussy willow home. Smaller nests peek from hedges, brushy fencerows and clumps of bushes along the stream: Giant-sized clumps of leaves scattered through the high reaches of the oaks hint at the abundance of squirrels around the neighborhood, still enjoying their treetop hideaways.

Now, at least one opportunist thrives amidst the bare-branched state of the trees. Our resident sharp-shinned hawk has become amazingly bold about patrolling for his prey–other birds–around the farmstead. The trees' bare condition enhances his predator abilities, enable the "sharpie" to zoom through the branches in pursuit of them. The tops of the bare maples also seem to offer a handy launch pad for terrorizing this year's especially abundant blackbirds and grackles. Perhaps that is why the hawk has become so aggressive.

Whatever the reason for this fierce predator's claiming dibs on the area, it's had an interesting side effect. Out always-busy bird feeder is nearly abandoned most of the time. And sunflower seed consumption has dramatically dropped. Leaving almost unlimited picking for our fat squirrels.

Who, come to think of it, may have invited the hawk in the first place. Because, while the hawk is busy chasing down other birds, the squirrel just munches seed after seed, growing chubbier by the day.

Leaving us to wonder: if the hawk gets its fill of poultry, will a seed-stuffed squirrel offer an appetite-appealing alternative?

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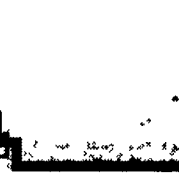

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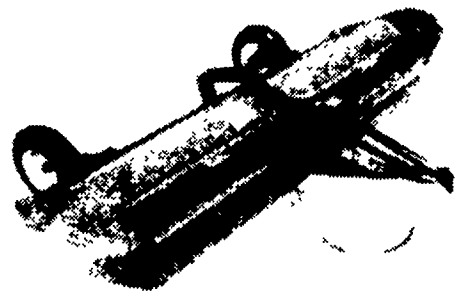

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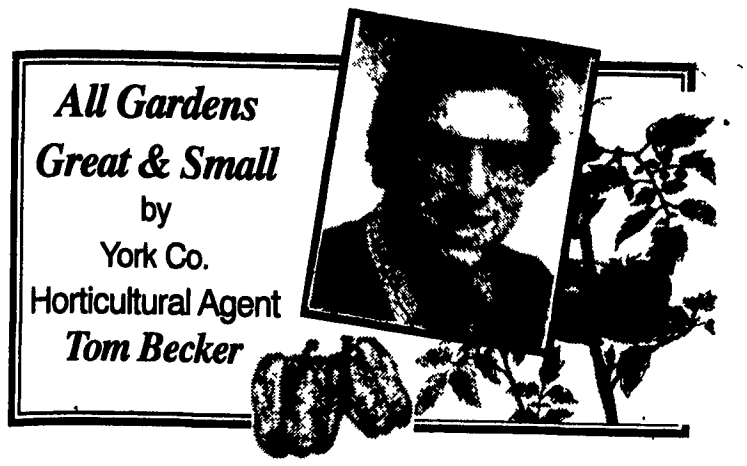

OUTSTANDING PERENNIALS IN 1997

Dr. Robert Berghage, Director of the Horticulture Trail Gardens at University Park, shared his best flower choices in the latest "Friends of the Garden" newsletter. In all, Dr. Berghage, his staff, and volunteers planted more than, 800 cultivars in the 1997 trial gardens. For a complete summary of the 1997 season, write to Horticulture Trail Gardens, 102 Tyson Building, University Park, PA. 16802. Enclose a check for $10 made payable to Penn State University to cover printing and postage. Look for this information on a web page locate at http;//violet.cas.psu.edu/garden/index. html.

Outstanding perennials in the garden in 1997 included *Echinacea* 'Magnus.' Designated as the 1998 perennial plant of the year, it overwinters well and shows first flowers as early as late June. New flowers of this purple coneflower bloom well into September. The flowers show a brilliant pink color that attracts many butterflies like the monarch. Unfortunately, Echinacea *'Magnus'* attracts Japanese beetles that damage the flower petals. With the flower color peaking in August, expect the flower color to fade into September.

The former perennial plant of the year, *Heuchern 'Purple Palace'* also overwinters well producing large bronze leaves. This distinct and attractive leaf trail for this coral bell compliments its white flowers. The peak bloom is in June.

Another good performer in 1997 was *Eryngium 'Blaukappe,'* Performing well for 2 years, the erynigium produces a thistle-like plant with silver-blue stems and flowers. Commonly called sea holly, eryngiums attract many insects including bees in July and August.

The bright orange flowers of the foxglove called *Digitalis 'Apricot'* looked especially good last June. A spring flowering perennial with 4 to 5 foot flower spikes, digitalis 'Apricot' may succumb to crown rot during extended cold, wet springs.

On the negative side, a poor performer in 1997 due to the lack of high temperatures included Amaranthus. Amaranthus, didn't live up to its namesake meaning 'not to wither.' Grown for its colorful foliage, amarnathus tricolor is commonly called Joseph's coat.

Other annuals that did not like the lack of heat included sunflowers and morning glory. Expect greatly delayed blooming during cool summers. Flowers enjoying the cool summer included aquilegia. It bloomed well beyond normal (into August). Dianthus, snapdragon, and even some pansies showed acceptable flowering in the summer.

Other good blooming perennials in 1997 included the *columbine 'musik'* series and the *'cameo'* series, the groundcover *Persicaria 'Dimity'* and *Penstemon 'Ruby.'* Lastly, another standout in the trials gardens was *Heuchera 'Pewter Moon.'* It's striking foliage on a compact plant produced a pink flower peaking in July. The leaves are red on the bottom and a mosaic of silver and green on the upper surface.

Looking for a summary of outstanding flowery annuals from the trial garden in next weeks column.

Any questions regarding the above article can be addressed to Tom Becker, Penn State Cooperative Extension at (717) 840-7408.

New Names In The Dairy Case

KUTZTOWN (Berks Co.) – There are some new names appearing in your dairy case since January 1. Milk and dairy products, with the exception of yogurt, will be sporting new, easier to understand labels. The change will eliminate inconsistencies between "old" regulations and "new" regulations, such as those outlined in the Nutrition Labeling and Education Act of 1990. The ruling allows processors to use a standardized name with a nutrient claim on fluid milk and cultured products, with the exception of yogurt. The new nomeclature will be more consumer friendly. It is important to remember that the regulation-affected dairy products themselves remain the same. There is no change in quality or composition.

A partial listing of the changes effected be the ruling follows:

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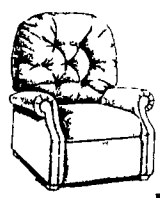
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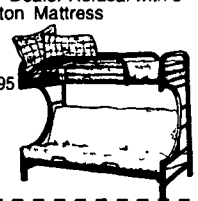

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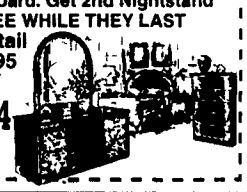

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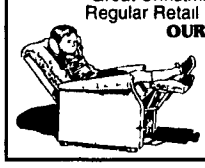

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LOU ANN GOOD
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — "It's the way George would have wanted it," his widow Dorothy said of the memorial fund that has garnered more than $2,500 in George Metzler's name.

"George always loved cattle as a youngster. He grew up in 4-H and always supported the judging teams," Dorothy said of her reason for requesting that donations be sent to the Lancaster County Livestock Judging Team in lieu of flowers.

George, who died unexpectantly on Sept. 17, was known nationally as vice president and director of the Pennsylvania Polled Hereford Association and as a Polled Hereford breeder.

The Metzlers showed the 1997 Show Bull and were named Premier Exhibitor at the American Hereford Association at Kansas City—in addition to many other awards during his life-time.

It's expensive for livestock judging teams to compete on a national level. It requires thousands of dollars for the team to travel to regional and eventually national competition if they excel.

Through the generosity of acts such as the Metzlers and other interested individuals, the team, composed of teen-age students, are able to participate.

Few people are aware of the behind-the-scene details required of the livestock judging teams. It's not only the commitment of the members, but of leaders, coaches, and benefactors.

While several colleges and livestock associations donate money to these teams, individuals consistently donate funds. According to Chet Hughes, Lancaster County livestock agent and coach for the Lancaster team, the vast majority of benefactors are individuals who at one time participated in the team.

One of these individuals is Dr. Donald M. Herr, a veterinarian at the Manheim Pike Veterinary Hospital. "Every year, he is the first person to send money and he always sends a little note telling how much he enjoyed being a member of the team years ago," Hughes said.

Herr was a member of the 1957 team. "It was a wonderful, positive experience to represent the state," Herr said. "It taught me to be observant, to talk on my feet."

At that time, the national competition was held in Chicago. "Blocky-appearing animals were in demand then. They were heavy, obese things," Herr said recently as he flipped through news clippings of animals the team judged.

While industry standards have changed judging criteria, the benefits of participating on a state team have not.

"It's good training that took us all over the country," Herr said.

The Chester County Livestock Judging Team recently swept county, regional, and state titles to advance to national competition where they placed nineteenth in the nation this past November. Cheryl Fairbairn, livestock extension agent and coach for the team, estimates costs were about $6,000. For high school students this is a formidable amount. Without the help of donors, the teams could not afford to travel to out-of-state competitions.

Fairbairn was a former judging team member. So she has sat on both sides of the spectrum. Because she considers judging team participation to be her best college experience, Fairbairn is an enthusiastic coach.

"If you can get up and give reasons before a group, than you can do anything," she said.

This year's Chester County team practiced often, many times leaving at 6 a.m. to visit various farms, observing livestock and methods of management, and returning at 6 p.m. "It is my philosophy that we should not spend the time or money if we are not going to put 150 percent effort into this endeavor," Fairbairn said.

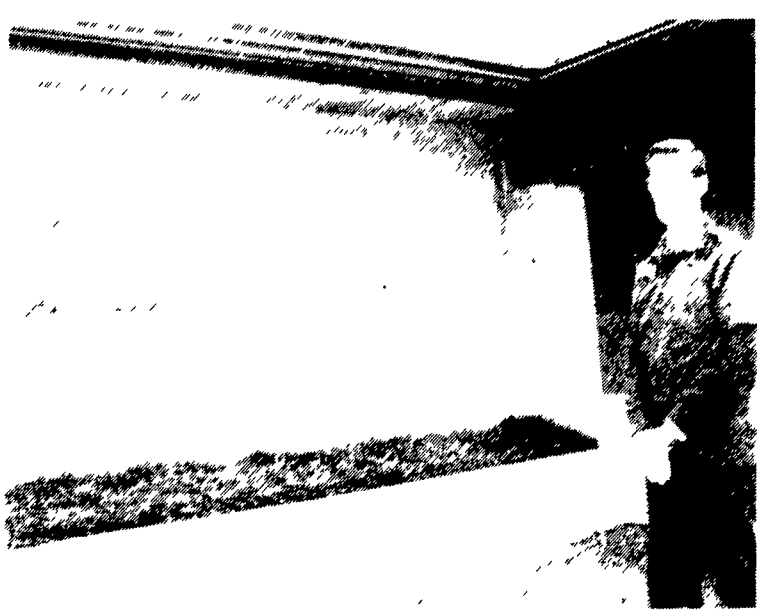
The Chester County team included brothers Nathan and Jon Howe, Conrad Smoker, and Derrick Frank.

Team member Derrick Frank said that it takes lots of sacrifice of time and money when participating on a team. Because his team competed nationally, team members were practicing from May through November. Derrick, 18, a senior at Conestoga Christian Day School, works on his Uncle Nelson Beam's farm.

"My uncle was a former judging team member, so he knows what's required. He thinks the sacrifice is really worth it, so he was really good about giving me time off," Derrick said of the time needed to travel to Eastern States competition held in Massachusettes; Eastern National competition held in Timonium, Md.; Keystone International Livestock Esposition held in Harrisburg; The Main Event Livestock Judging Contest held in Columbus, Ohio; and the ultimate national competition held in Louisville, Ky.

The Chester County Livestock Judging Team swept state and regional competitions to advance to national, where they placed 19th in the nation. From left are Cheryl Fairbairn, coach; Jonathan Howe, Downingtown; Derrick Frank, Elverson; Conrad Smoker, Honey Brook; and Nathan Howe, Downingtown. Jonathan was also selected for the first-time ever National Champion Quiz Bowl Team in which four members from the East competed against four members from the West.

After her husband's death, Dorothy Metzler continues raising Polled Herefords at Salunga Acres with the help of her family and a herdsman. A memorial fund in her husbands name garnered more than $2,500 for the Lancaster County livestock judging team. Her children and grandchildren continue the family's involvement in 4-H. "It's the best education a child can have," Metzler said.



Former judging team member Dr. Donald M. Herr said, "If I wouldn't have gotten into vet school, I would have wanted to be a county agent because of Max." Max Smith was Herr's coach during his years on the livestock judging team.

This was the second year of competition for Derrick, who is enthusiastic in his praise of the program.

"It taught me public speaking, to speak confidently, and to prepare quickly," Derrick said. "It definitely is learning experience that expanded my horizons and gave me a broader view of ag."

Derrick was thrilled with the trip to Louiville, where they saw "beautiful animals and big farms."

This broader view of agriculture often inspires ag-related career choices. But not always. The experience has steered Derrick in the direction of being a minister and evangelist.

"Before participating, I wasn't good at public speaking. My grandfather was a preacher and farmer. I wanted to continue the family tradition, but I was too scared to speak up. God used this experience to help me become bolder and not back down," Derrick said.

After graduation from Conestoga Christian School, Derrick plans

(Turn to Page B7)

At the urging of her mother Laurie Schmidt, Jessica joined the meats judging team and continued on to national competition.

HOMESTEAD NOTES

Dorothy Kaylor Helstand buys livestock and resells them to donate money to the judging team in her late husband's honor. She has been immersed in the 4-H program all her life. Her father was one of the founders of the Dauphin County 4-H Club and she grew up showing livestock. Her daughter was the first female selected for the Lancaster County judging team.

They Keep Giving And Giving

(Continued from Page B6)

to attend either Oral Roberts University or Moody Bible School.

Joe Garber, a 1987 Lancaster County team member, works in the swine division for Wenger's Feeds.

Garber recalled that he played soccer, but made a deal with coach Chet Hughes that if the team won the state championship, he would quit soccer and devote his time to studying for the national competition.

Giving up sports for participating in a judging team was no sacrifice, Garber revealed. "It was me and three girls (teammates)," he said with a hardy laugh.

Becoming adept in voicing opinions is a process that takes several years to perfect. As a junior team member years ago, Garber said that he did horrible and found it terrifying to stand one to one and express opinions. "Many times I made a complete fool of myself," he said. "Chet broke me of always saying the phrase 'much more.'"

Garber said that he eventually progressed from giving one sentence to more than three paragraphs in explanation of his rea-

(Turn to Page B8)

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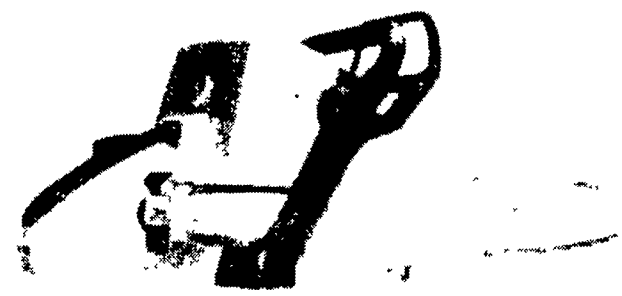

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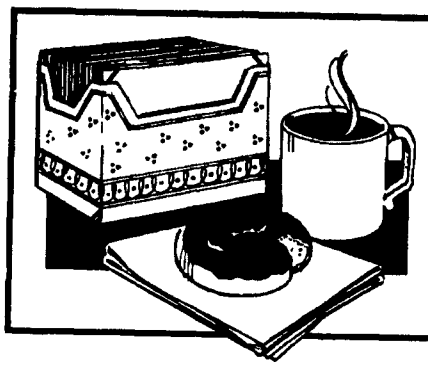

Cook's • Question • Corner

If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send an SASE. If we receive an answer to your question, we will publish it as soon as possible. Sometimes we receive numerous answers to the same request, and cannot print each one.

Answers to recipe requests should be sent to the same address.

QUESTION — Ammon Gruber, Emmaus, would like a recipe for lobster bisque soup, which he had numerous times at the Pottsville Diner.

QUESTION — Violet Cassner, Newburg, would like a recipe for meat balls made with left over mashed potatoes. She recalls eating them years ago. The meatballs were simmered in sauce and tasted very moist and delicious.

QUESTION — Jackie Hall, Sorpe, VA, would like a recipe for bread sticks that taste similar to those made by Pizza Hut.

QUESTION — Joyce Rex, Slatington, would like recipes using edible soy beans.

QUESTION — Susan Harris, Lexington, VA, would like a recipe for fruit cake in the jar.

QUESTION — V.A.W. from Old Line is looking for a recipe for making escarole soup using a chicken stock base.

QUESTION — L. Burkholder, 1543 Union Grove Rd., East Earl, PA 17519, would like to purchase a used Betty Crocker Cookbook printed in the mid 1960s.

QUESTION — Valerie Harlan, Parkesburg, would like a recipe for "real red taffy apples" with taffy that pulls away not the crackle type. She remembers these from her childhood and would like to recreate this childhood memory for her grandchildren.

QUESTION — Several months ago E. Stoltzfoos, Bird in Hand, cut out a cookie recipe from this section. She lost the recipe but recalls that some of the ingredients were whole wheat flour, wheat germ, oatmeal, nuts, and honey. Does anyone know to what recipe she is referring? Please send a copy.

QUESTION — An anonymous reader sent in a recipe for gingerbread baked in a jar and a number for the internet to receive more recipes. The internet number is wrong as printed. Could the person who sent in the number, please send the correct number plainly printed for publication.

QUESTION — G. Halteman would like a recipe for homemade butter made out of goat's milk. (According to an answer in this column, a butter recipe using cow's milk is interchangeable with goat's milk).

QUESTION — A reader tasted a delicious cottage cheese soup at the Red Fox Inn at Snowshoe. Does anyone have a recipe for cottage cheese soup.

QUESTION — Carl Schintzel, Rockaway, N.J., remembers his mother used to make seasoned rice with cubed pieces of veal in it, which cooked all day on a wood or coal range. He doesn't remember the name or any other ingredients it might have contained, but the mixture was made in a deep gray graniteware lidded pot.

QUESTION — Mary Dengler, Middletown, Ohio, would like a recipe for 10-grain bread that tastes similar to that made by Roscoe Village Bakery in Coshocton, Ohio.

QUESTION — Grace Rumer, Abington, is looking for a recipe for individual crumb buns with cheese pockets. Her husband ate some, which he said were delicious, on the Ocean City Boardwalk in New Jersey.

ANSWER — A reader wanted a recipe for a fish pie that tastes like that served at Rough and Ready. Thanks to Marcella Krissinger, Herndon, for sending in a recipe. To my surprise it includes no fish. I'm curious. Why is it called fish pie?

Fish Pie

Mix together:
2 cups granulated sugar
¾ cup butter
Add:
¾ cup buttermilk
1 teaspoon baking soda
1 teaspoon baking powder
1 egg
4 cups flour
Chill dough overnight. Roll out on floured board.
Filling:
1 cup sugar
2 cups Ole Barrel molasses
10 tablespoons flour
2 pints water
4 teaspoons vanilla flavoring
Combine and boil until thick. Line the pie pans with dough. Fill with filling. Cover with more dough, which has been rolled out. Bake at 375 degrees for 35 minutes or until done.
Makes three 9-inch pies.

ANSWER — Susan Harris, Lexington, VA, wanted a recipe for carrot pie. Thanks to Betty Light, Lebanon, for sending a recipe.

Carrot Custard Pie

1 unbaked 9-inch pastry shell
4 eggs, slightly beaten
¼ teaspoon salt
½ cup plus 3 tablespoons granulated sugar
½ teaspoon vanilla
½ teaspoon lemon extract
3 cups milk, scalded
1 cup grated carrots
Nutmeg
Prepare pastry shell
Preheat oven to 450 degrees. Whisk together eggs, salt, and sugar. Gradually add vanilla, lemon extract, and milk, whisking until thoroughly mix. Stir in carrots. Pour into pastry shell. Sprinkle with nutmeg.
Bake at 450 degrees for 10 minutes, reduce heat to 325 degrees and bake 30-40 minutes or until knife inserted in center comes out clean.

ANSWER — Bonnie Hertzler, Lititz, wanted to know if anyone knows how to make "Honey Boys," like those made by the Federal Bake Shop, W. King St., Lancaster. The great-tasting cookies looked like gingerbread man with raisins to decorate the face and belly. Here's a recipe from a reader.

Honey Boys

1 cup sugar
1 tablespoon ginger
2 teaspoons cinnamon
1 teaspoon cloves
½ cup water
½ cup honey
1 cup butter
4 cups all-purpose flour
1½ teaspoons baking soda
¼ teaspoon salt
Raisins
Combine sugar, spices, water, and honey in small saucepan. Bring to boiling, stirring constantly. Remove from heat and pour over butter in large mixer bowl. Stir until butter melts; cool to lukewarm. Combine flour, baking soda, and salt. Add to butter mixture; mix well. Cover and refrigerate dough overnight.
Preheat oven to 375 degrees. Roll dough on lightly floured surface to ⅛ -inch thickness. Cut with floured gingerbread people cutters. Push raisins in dough for eyes and buttons. Bake on unbuttered cookie sheets 12 to 15 minutes or until golden. Cool completely on wire racks; decorate with icing if desired.

(Turn to Page B9)

They Keep Giving And Giving

(Continued from Page B7)

sons. "I give the experience credit for helping me form complete sentences and expressing my opinions," he said.

Garber said that Chet as a coach, a strong 4-H program, support from parents, and practice made the team successful. Studying for the contest helped Garber realized the scientific side of agriculture and spurred him to pursue a degree in poultry science. At Penn State, Garber participated in the poultry judging team, where the same skills are required.

Garber said that he often draws on the lessons he attained as a team member. "Evaluating situations, giving logical reasons, expressing and defending my opinions are used throughout the day every day," he said.

Dorothy Kaylor Heistand is another widow who honors her late husband Walter Heistand by helping the judging team. Her husband died of a heart attack five years ago. Three years ago, Dorothy started buying livestock at fair auctions and donating the animal back to be resold with profits going toward worthy causes.

This year, she purchased the champion goat at E-town and a steer at Manheim and donated the proceeds $1,400 to the 4-H Livestock Judging Team.

She periodically donates money to the Livestock Judging Team in Lancaster. Four-H has long been a family priority. Dorothy's father Paul Kaylor, with two other men, founded the Dauphin County 4-H Club and Dorothy was immersed in the program from birth. In fact, she has a newspaper clipping of herself as a six-year-old selling a calf. When she and husband, a livestock dealer, had two daughters, they both became involved in 4-H. In fact, their daughter Diana Lynn has the distinction of being the first girl on the judging team. That was in 1972.

Dorothy has nothing but praise for the experience. Like many of those who participate in the judging clubs, her daughter went on to make a career in a related field. Diana and her husband Cliff Orley operate Keystone Cattle Service.

"My husband was always generous in buying and selecting calves for 4-H'ers and FFA'ers," Heistand said. "In 1978, one of our purebred Charolais was national champion and in 1981 we showed the reserve national bull in Denver Colo. The family also had bred and raised calf that took Farm Show champion and some of the homebred cattle was sold to South America," she said.

"I really believe in 4-H because the projects instill responsibility. But I believe kids should pay for the project themselves and work on it themselves—not the parents," Heistand said.

Still, parents certainly play a role in the success of many of the 4-H programs and the judging team is not an exemption.

Jessica Schmidt, daughter of Laurie and Pete Schmidt of Drumore is a case in point. The hesitant 15-year-old was pushed by her mother to join the meats judging team. After her team won the state title, Jessica had no doubt in her mind: she wanted to do it again.

Parents need to be supportive in other ways also. Generally they need to provide the transportation to the practice sessions. Although money is donated for traveling expenses, being a member of the team is still a financial sacrifice. Students involved in judging teams could be using that time working at part-time jobs.

"I tell Jessica that she's going to be working the rest of her life. Now is the time to be experiencing new things. Too many kids don't know where they're going in the future because they have been exposed to different opportunities," Lauria said.

Sacrifices aren't always financial. During the state contest, Derrick sacrificed an opportunity to go to Orlando, Fla.

Livestock is judged on performance and by visual data available, on muscle combination, cutability, structural correctness, durable breeding, growth, milking, and maternal ability.

Generally about 15-20 4-H'ers participate in practices when they are 12-14 years old. Those who excel are selected as the county team when it is time to compete against other counties.

Michelle Winters, former team member and now a swine club leader, encourages 4-H members to become involved in the judging team.

As a 4-H leader, Michelle works to give back what leaders gave to her. "Members can put into practice what they learn when it comes time to purchasing stock," she said.

Although most members show one species, they must learn to judge all three. Surprisingly team members often excel in judging a species that they don't raise.

"Maybe it's because they are biased or maybe they just try harder," Michele said. After participating on the county team and placing eighth in the nation, Michele went on to Penn State to study ag business.

Again and again, former participants voiced their enthusiasm for supporting judging teams.

Herr said, "When the county has a good team, I'm glad to give financial support because it was a good experience for me and I want to make it available to others. It's an investment in the future of young people who return skills to agriculture.

"It's great. I can't say enough about it."

Cook's Question

(Continued from Page B8)

ANSWER — Stephanie Huger, Meyerstown, wanted a recipe for pumpkin strudel with poppy seeds and sour cream or cream cheese. Her grandmother from Hungary made it, but Stephanie lost the recipe. This request has run for a long time, and we have not received an answer. However, here is a recipe for Poppy Seed Strudel from our files. Strudel is a German term for a central European pastry of stretched paper-thin dough rolled up with a filling. It is superlatively fragile and delicious. Americans tend to be afraid of trying to make the stretched dough, but once they have done so many agree that is is no more difficult than making a good pie crust. I think with a bit of experimentation, you could adapt a cream cheese filling from another recipe and either add the pumpkin to the filling or to the strudel, whichever way you remember it. Good luck!

Poppy Seed Strudel

3 cups flours
½ teaspoon salt
1 tablespoon vegetable oil
1 beaten egg
1 cup lukewarm water

Sift flour and salt into a large bowl. Make a well in the center of the flour; place oil and egg in the depression.

Work flour gently into oil and egg and gradually add water to make a soft dough (dough will be sticky).

Turn dough out onto a lightly floured pastry board. Hold dough high above obaord and crash it down against the board. Repeat this about 100-125 times or until the dough is smooth and elastic and leaves the board clean.

Knead slightly and pat it into a round. Lightly brush surface of dough with oil but not olive oil.

Cover dough with an inverted warmed bowl and allow to rest from 30-60 minutes.

To stretch dough: spread a large table 3x5-feet with a clean cloth, allowing cloth to hang down.

Spread Sprinkle cloth lightly but thoroughly with about ½ cup flour.

Place dough in center of cloth and roll it into a large oblong, turning it several times to prevent its sticking to the cloth, and rolling the outer edges as thinly as possible.

With a soft brush, lightly brush the dough with cooking oil (not olive oil); the oil aids in preventing the formation of holes during stretching.

Now reach under the dough and start stretching (do not pull) gently from the center to the outer edge.

Some people work with the backs of the hands. They turn the palms downward and stretch with slightly raised knuckles only. Others prefer to keep the plams up with fingers straight out, working with a circular motion under the dough. You will soon learn which method is most convenient for you.

Work around the table until the evenly stretched dough is as thin as paper and drapes over the edges of the table on all sides.

As you stretch, keep the dough close to the table. the dough should not have any torn spots. If some should appear, do not try to patch them.

With kitchen scissors, trim off the thick outer edges that overhang the table.

Allow the stretched dough to dry a little, about 10 minutes. It should lose its stickiness but avoid drying too long because it become brittle.

Poppy Seed Strudel

2½ cups poppy seeds
1 cup sguar
½ cup raisins
2 teaspoons grated lemon rind
½ cup butter, melted and cooled

Mix poppy seeds, sugar, raisins, and lemon rind together. Set aside.

After strudel dough is stretched and slightly dried, sprinkle cooled, melted butter over it. Spoon poppy seed mixture over the butter.

Fold over the overhanging flaps on three sides over the filling. Butter the turned-up edges, and then with the aid of the tablecloth start to roll the dough over, pulling the cloth and dough toward you with both hands. Roll fairly loosely to give room for expansion.

With the last roll slide the strudel on a well buttered baking sheet, bending it into a horsehoe shape.

Or cut the strudel in halves, and lifting each half on cloth, gently roll onto the baking sheet.

To bake, brush the surface with melted butter and bake in 350 degree oven until golden brown, 35-45 minutes. Grease and brush with melted butter several times during baking.

When strudel makes a crackly sound on touching it is done.

Strudel should not be smooth.

To serve, remove to cooling rack, cool slightly. Sift confectioners' sugar generously over it. Remove to a cutting board, and cut into 2-inch slices. Serve warm with unsweetened whipped cream. Makes 12 to 15 servings.

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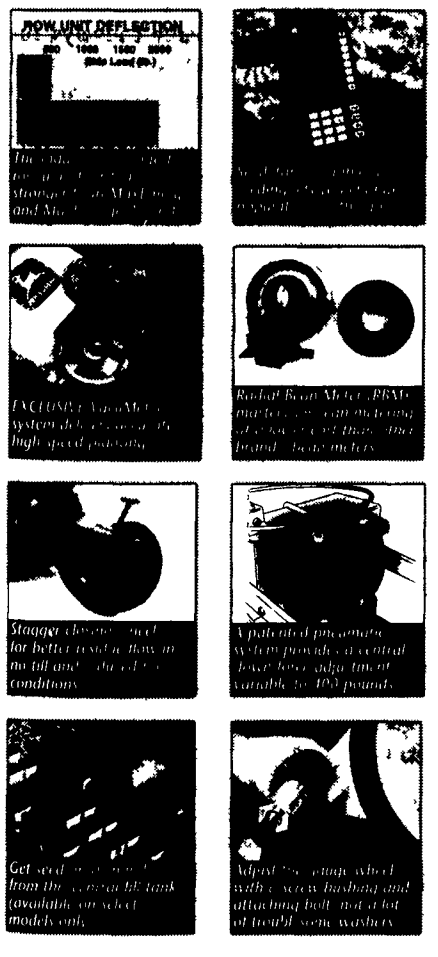

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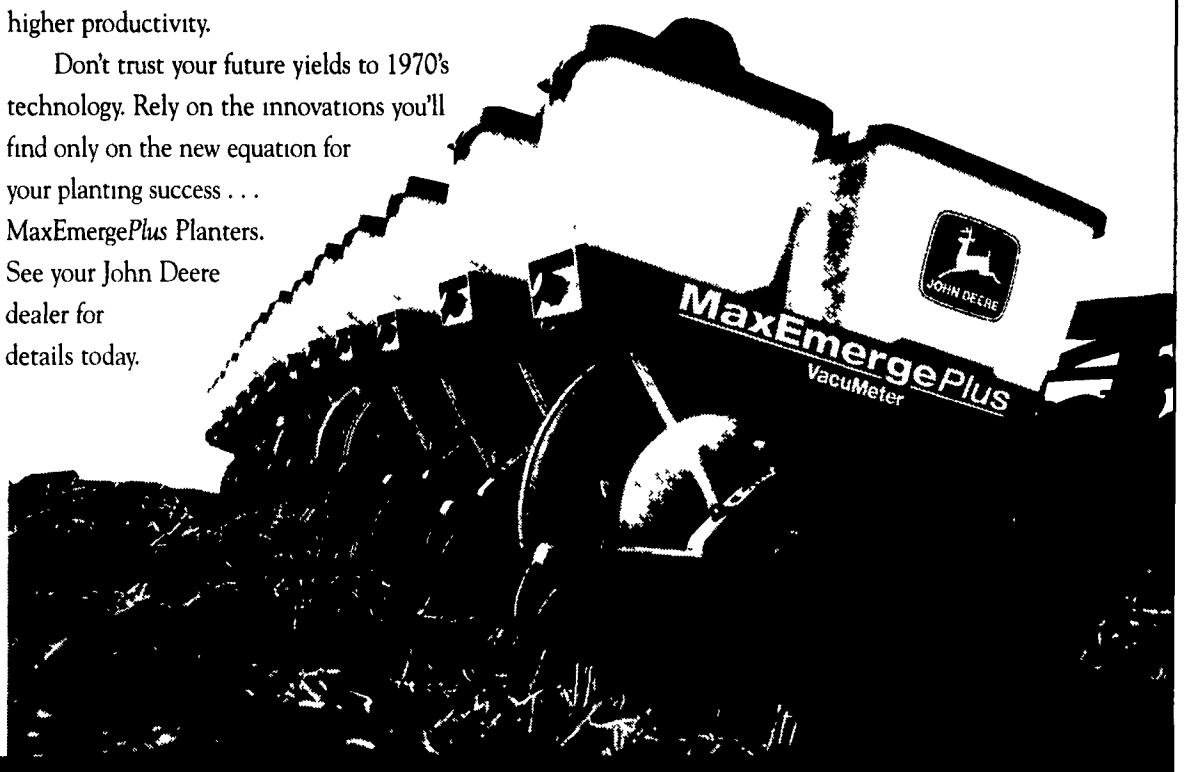

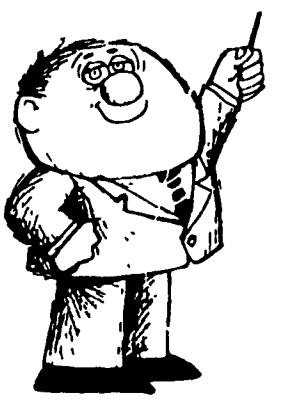

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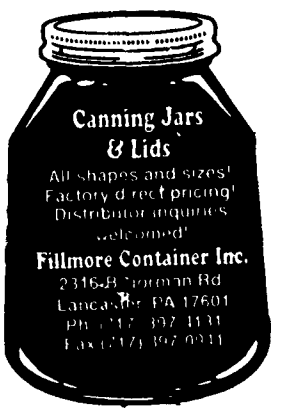

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Salt is a cheap way to melt ice. It melts the first layer of ice into a salt-and-water mixture. The water doesn't refreeze because the salt lowers the temperature it has to be for water to freeze. That lets the salt melt the rest of the ice. But the excess salt can kill plants and winter wildlife along the road, and it causes rust damage to cars. So some places have begun melting ice with a product made out of corn.

This special deicer is called Calcium Magnesium Acetate, or CMA. It's made with the minerals calcium and magnesium that are taken from corn or other natural materials, like coal.

Massachusetts is one state using CMA. The corn deicer protects its wetlands, cranberry bogs and natural wildlife habitat from the effects of road salt.

More than nature benefits from CMA, though; it also helps keep cars and bridges in good shape. The white powder you see along the bottom of cars and trucks in the winter is salt from the roads. If it stays on the car for a long time, it can damage the paint and metal. The same thing happens to metal bridges. Because CMA is non-corrosive, it will cut through ice and snow — but it won't cause rust!

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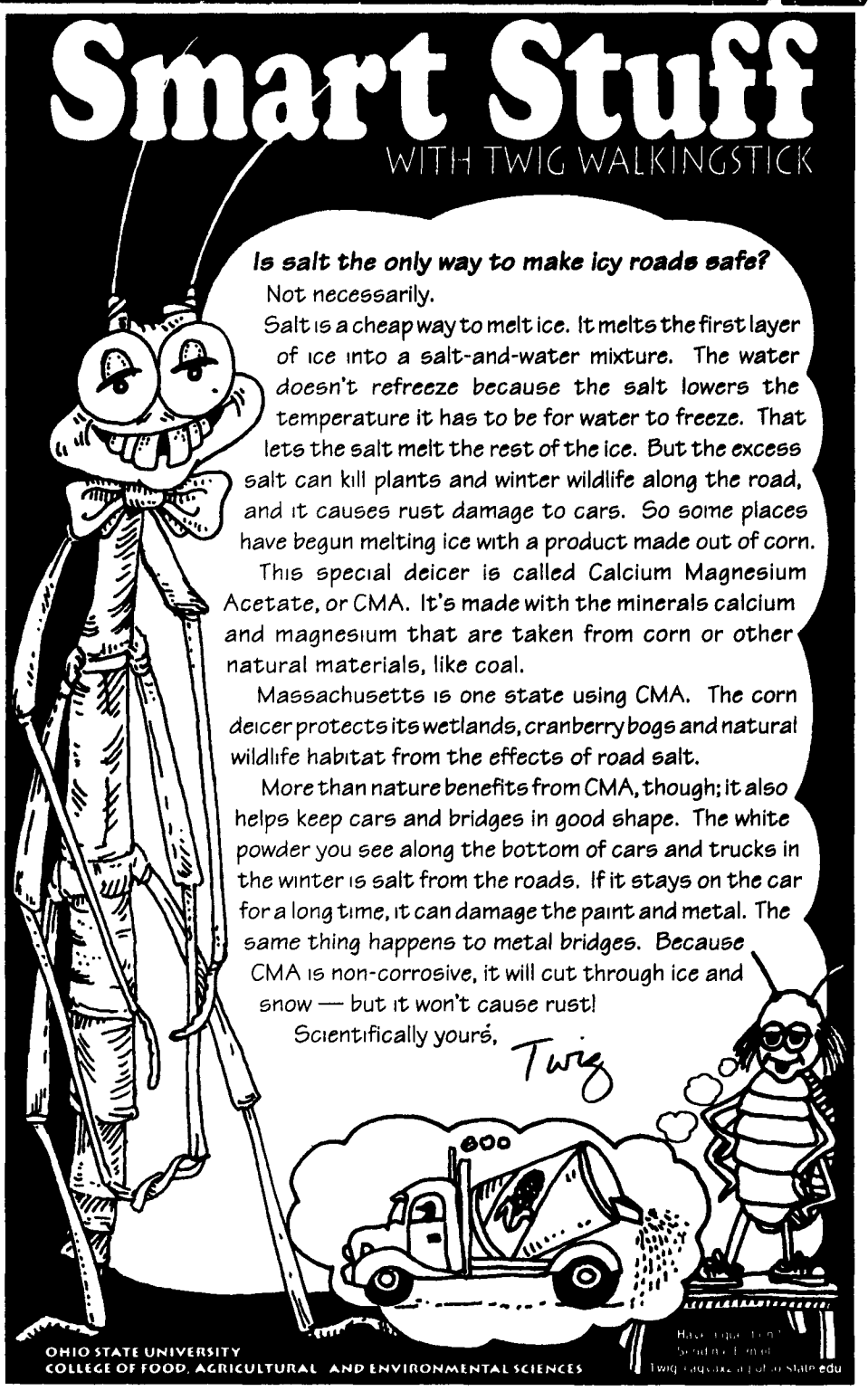

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Monkey Business In China Pays Off In Apples

GENEVA, N.Y., Phil Forsline and Herb Aldwinckle have won some hard-fought victories in their war against apple pests, but they met their match when confronted by rogue monkeys. The two were on a trip to China to collect wild apple germplasm when a band of primates attacked their party.

"One of them ripped my wife's poncho and grabbed her collecting bag," said Aldwinckle, a mild-mannered Brit who is the chairman of the U.S. Apple Germplasm Committee. "I yelled at him as loudly as I could. But when he stood up on his hind legs, screamed back at me with a blood-curdling screech and showed his fangs, we dropped our bags and got out of there as fast as we could walk."

The scientists ventured back about an hour later. They found their cloth bags ripped open and the small, bitter apples they had been collecting strewn about the forest floor.

The party of four Americans and four Chinese was on a two-week expedition to expand the apple collection at the USDA-ARS Plant Genetic Resources Unit (PGRU) at Geneva that is used for breeding and species preservation. At the time of the attack, they were 11,000 feet high in the mountains of Sichuan in central China on the Tibetan plateau, one of the most botanically diverse regions of the world.

Sichuan and neighboring provinces of china are considered the center of diversity for many wild species of apples that are important for the PGRU collection. The U.S. team, in cooperation with scientist form other countries, completed four expeditions between 1989 nand 1996 to the former U.S.S.R. in Central Asia to collect other wild apples more closely related to the commercial apple.

Forsline is curator of the PGRU apple collection at Geneva, the world's largest "living library" of apples, with some 5,000 apple trees representing 2,500 different accessions, among which are wild species, landraces, current cultivars and obsolete cultivars. Over 1,000 new additions including seed populations as well as selected elite clones from the wild habitats have been added to the collection from the five collecting trips.

Aldwinckle, a plant pathologist at Cornell, uses genetic material from these trips and the apple collection in the rootstock development program at the New York State Agricultural Experiment Station in Geneva that he runs jointly with a plant breeder, and has successfully developed rootstocks that are resistant to fire blight and phytophthora. Other researchers at the station and worldwide also use the material. The new collections are being evaluated at 25 different laboratories worldwide. On this trip to China, Aldwinckle and Forsline were accompanied by Laura Benson, a graduate student in plant breeding, Herb's wife Bernadine, and from four to eight Chinese cooperators, depending on the site.

Collecting wild germplasm is not easy. In addition to fighting monkeys, malaria, and mosquitoes, scientists have to adhere to strict governmental protocols, systematically keep track of the material they collect, and protect it during the long trip. To arrange the China trip, for instance, permitting procedures had to be filed with the Chinese Ministry of Agriculture, the forestry department, the provincial governments of the provinces, and local administrative district's foreign affairs office. Researchers from New York were not allowed to pick the fruit from the trees. That privilege was granted to their Chinese colleagues, especially professor Li Yunong, of the Southwest Agricultural University in Bei Bei, Chonqing, and his associate, Zhou Zhiqin, who were authorized to collect seven of the 15 species the party requested. "Li and Zhou were very helpful," said Aldwinckle. The party collected apples in five different ecosystems throughout Sichuan.

The trip was funded by a grant form the USDA, which funds germplasm collection trips around the world. Members of the group hope to return to other areas of China to collect samples in the fall of 1999.

To preserve the diversity of the apple gene pool, scientists and plant explorers from the Experiment Station and the U.S.D.A. have trekked the world in search of primitive varieties and wild relatives. Prospecting for apple germplasm is like prospecting for green gold. Germplasm contains important genetic traits that have the potential to boost disease and insect resistance, increase yield, and improve quality. Apply germplasm is the product of millions of years of evolution, thousands of years of selection by humans, and scarcely 100 years of scientific plant breeding. With it, researchers can help fight epidemics of pests and pathogens that threaten the security of the world's apple supply.

"Wild germplasm is critical in maintaining diversity in the gene pool," Forsline explains. If a new strain of disease or insect comes along that decimates current commercial varieties like McIntosh or Gala, for instance, germplasm which has evolved desirable traits through natural selection might provide genes for resistance that could be bred into future varieties.

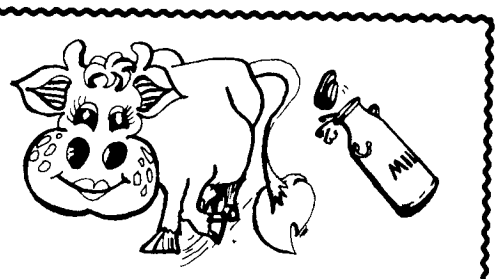
Apple explorations have taken Aldwinckle and Forsline and other U.S. and international researchers to Kazakhstan and neighboring former U.S.S.R. states in search of Malus sieversii, which is a wild relative of the cultivate apple (Malux x domestica). Since the first trip in 1989, Aldwinckle and Forsline have been collaborating to eval uate M. sieversii for resistance to apple scab, cedar apple rust, and fire blight.

Researchers now think that apples originated in Central Asia and then migrated along trade, silk, and spice routes into the Middle East and Then Western Europe, making adaptations all along the way. Wild apples in Central Asia range up to a full pound in weight; in color from white to yellow, green and red; in taste from sweet to bitter; and in tree form from single to multi-trunked, to bush-like. Apples from China were mostly very small and bitter with diverse leaf forms but have other valuable genetic traits.

Aldwinckle, Forsline, and Benson are just beginning to evaluate the material they systematically collected in China and–despite the monkey business–consider the trip a great success.

"We are very encouraged by our initial sampling of the Chinese germplasm," said Forsline. "There appears to be many traits that will be especially useful in developing new rootstocks, particularly."

PGRU and the Cornell department of horticultural sciences are in the process of hiring a new rootstock breeder who will be located at Geneva within the next few months. That person will cooperate very closely with Aldwinckle and Forsline's programs in utilizing these newly collected genetic treasures.



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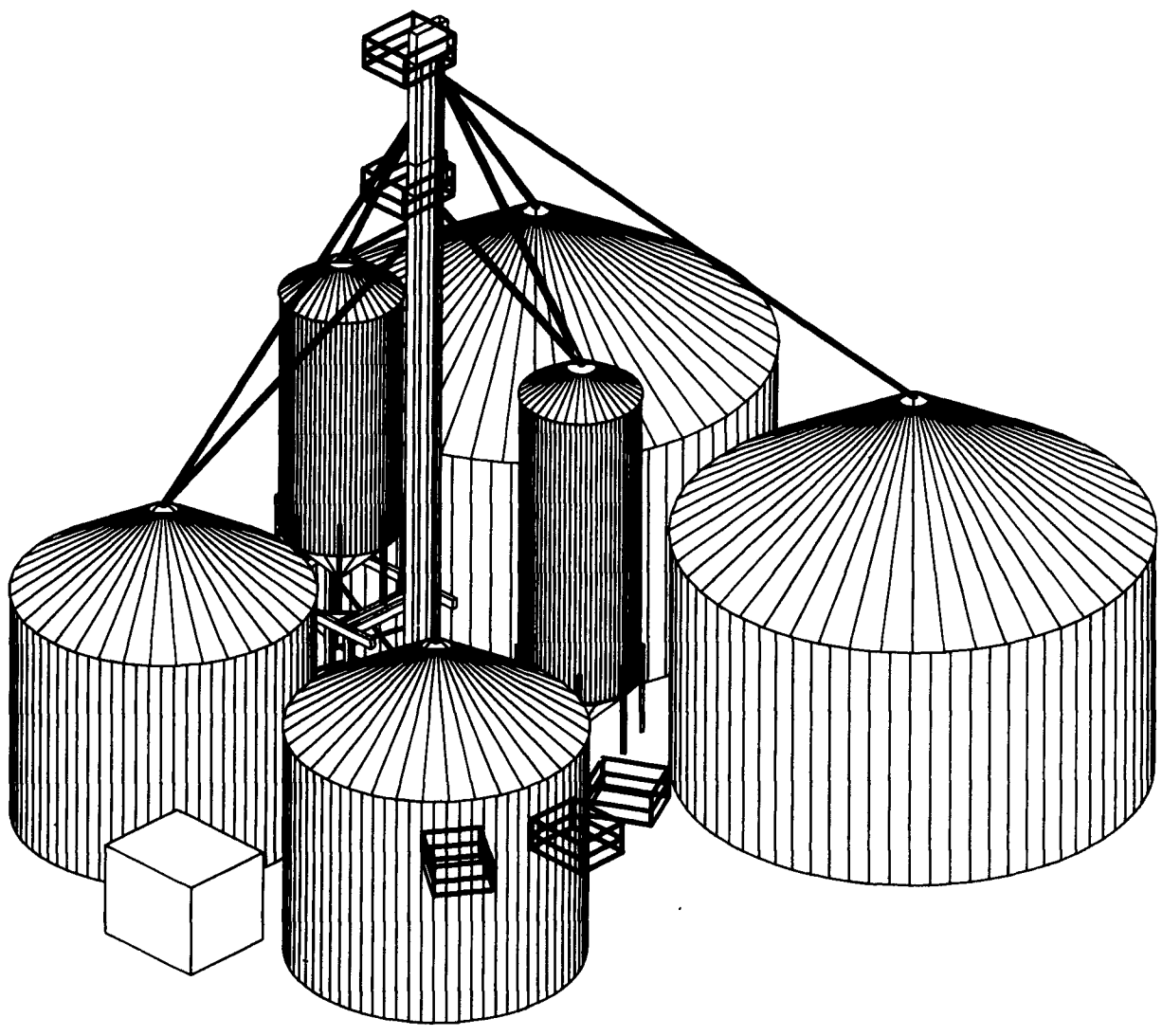

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Make Every Minute Count

TUNKHANNOCK (Wyoming Co.) – Do you ever feel there aren't enough hours in the day? This is a common problem for many people. The demands of balancing work and family make time management imperative. Luckily there are some techniques to help families use their time more effectively.

Our life centers around time. Each of us has the same amount. It is a resource that cannot be saved. We invest it, we waste it, we use it wisely. What is wise time use for you might be a waste of time to another person. You determine how effective you will be.

Why Is Time Management Important?

Time management is important in order to obtain balance in your life, by obtaining balance, you gain some control over what happens to you.

Another benefit of time management is increased relaxation. When important items have been accomplished, there is more time to do what you want to do without feeling guilty.

The importance of time management can be summed up in these few words, "Failing to plan is planning to fail." By achieving what you set out to do there is a sense of accomplishment. You also reduce stress by attaining what is important and not wasting time on things that are not.

Time Management Techniques

There are many ways to manage time effectively. Each technique is a tool to assist you in controlling time.

"To Do" list– A "to do" list in its simplest form includes tasks that need to be done. A more sophisticated list might number the items and then prioritize each point according to its importance. After the list is prioritized, follow through and do the most important tasks first.

Learn To Say No!– Learning to say no is harder than it sounds. Here are some question to help in deciding when to say no:

*How much time will the task take?

*Where does the request fit into the priority list?

*What are the consequences of saying no?

*Who else can do the task?

If the answers to these questions warrant saying a "no", don't feel guilty.

Use Prime Time– There are certain times in the day when your energy level is higher than others. During these periods a person can accomplish more. Schedule the most demanding tasks during these high energy periods.

Learn To Delegate– Often you may feel a task can only be done well if it is done by yourself. In reality, many duties could just as well be done by someone else. Perhaps at first it might take time to teach the other person to complete the job. In the long run you will save time.

A family meeting helps in communicating what needs to be done at home. A similar conference at work could produce similar results. The key to the success of either of these meetings is open communication.

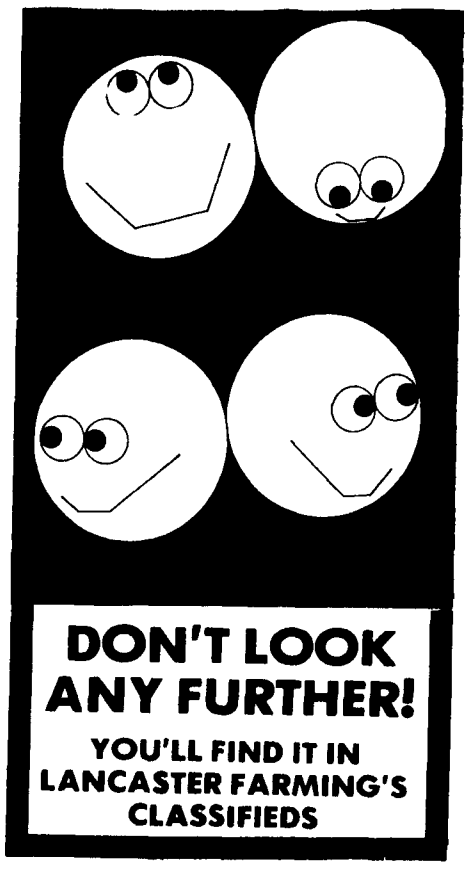
Learn To Plan– A well thought out plan assists in accomplishing tasks. Evaluate what needs to be accomplished and group like activities together. For small tasks, use bits of time. Large jobs can be broken down into smaller ones that might also fit into these bits of time.

Find A Better Way– There is usually a better way to do most tasks. Evaluate each responsibility to see what parts could be eliminated. Arrange the work space so the job can be accomplished efficiently. Use the best tools for the duty.

Time Conflicts

As you balance the multitude of roles associated with work and family, there are bound to be some conflicts. There is no magic formula that will work all the time. Commitments change from time to time. At one time work responsibilities take priority and at other times home obligations are more important. Evaluate each time conflict in relation to the uniqueness of the event. Attend if it is not likely to happen again.

It is important to have balance in life. There must be time for work, family and self. With careful planning there will be moments for each.



MAKING FAMILY LIFE MORE FUN

Salvaging Damaged Photographs

(NAPS)—One never knows how valuable family portraits are until they're gone And it's particularly upsetting when they become damaged by a simple spill or a major flood and appear unsalvageable. Although it is likely that water-damaged photos and negatives will sustain some permanent damage, they may not be beyond repair and shouldn't be considered a lost cause.

Anne Pryor of Photography by JCPenney explains, "Portraits preserve memories through the generations like few things can, and they have a high sentimental value for many people. It is important for people to know that it may be possible to restore damaged photos and it is often something that can be done at home at a minimal cost." This good news was especially comforting to flood victims from the Minnesota and North Dakota Red River Valley, where Photography by JCPenney and its parent company, Lifetouch, have been actively helping families restore or replace damaged photos.

Act Immediately

It is important to attend to the damaged photos and negatives as soon as possible. Wet images should be handled by the edges or corners as the emulsion surfaces will be fragile and may smear Photos should be removed from wet albums as mold will quickly grow there. If photos have dried clumped together, they should be soaked in clean water to soften and separate them

Keep Photos Wet

Although water is what originally damaged the photos and negatives, keeping them wet actually aids tremendously in their restoration by preventing the growth of mold, which causes the images to stick together To begin cleaning, place photos and negatives in water—gently moving the water with your hand to cleanse the dirt off the film surface. To reduce water spot damage, Pryor suggests using Photo-flo™, a product found in most camera shops. Rinse photos and negatives in Photo-flo for a few minutes before hanging them to dry.

Hang photos out to dry in an out-of-the-way place to avoid dust accumulation.

Hang Photos to Dry

It is best to hang photos and negatives on a line using clothes pins for drying. Hanging them in an out-of-the-way place with little air movement will prevent dust from collecting on the drying surface. If photos cannot be hung, the next best option is to lay them out on a tiled surface. In any case, it is important to avoid drying them in direct sunlight as this will cause further damage to the images.

No Time? Freeze the Photos

If photos must be stored for a period of time before they're cared for, Pryor recommends storing them in the freezer. Rinse the photos and negatives in clean water if they are dirty and seal them in a plastic storage or freezer bag, placing wax paper between each photo or negative to prevent the film surfaces from touching Later, the bag can be defrosted and restoration process begun. If you have an entire photo album that's been damaged and don't have time to remove the photos, freeze the entire album immediately.

A professional conservationist may be required if photographs are severely damaged, extremely valuable or antique.

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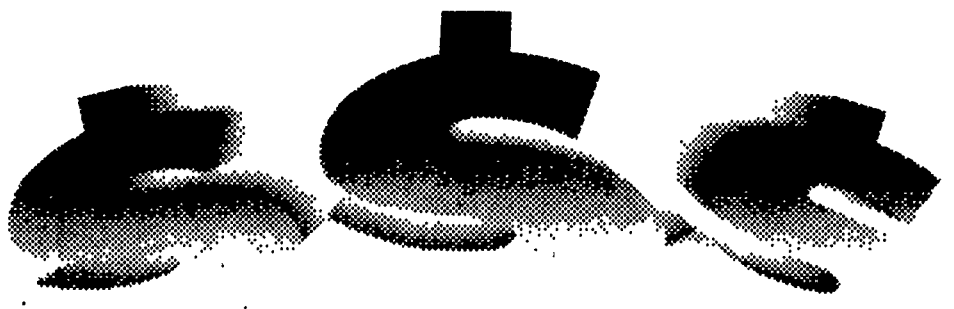

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NEW HOLLAND Credit Company

NEW HOLLAND

You ask You answer

This column is for readers who have questions but don't know who to ask for answers.

"You Ask—You Answer" is for non-cooking questions. When a reader sends in a question, it will be printed in the paper. Readers who know the answer are asked to respond by mailing the answer, which will then be printed in the paper.

Questions and Answers to this column should be addressed to You Ask—You Answer, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Attention: Lou Ann Good.

Do not send a self-addressed, stamped envelope for a reply. If we receive the answer, we will publish it as soon as possible. Please include your phone number because we sometimes need to contact the person to clarify details. We will not publish your phone number unless you request it.

QUESTION — Paul Maulfair, Jonestown, would like to know the color of "The Daisy," a one row corn planter made in York by Hench & Doromgold.

QUESTION — Rose Diehl, Bloomsburg, would like to know where to buy a white plastic scrapple pan or a company that sells them.

QUESTION — Rose Diehl, Bloomsburg, would like an address for McNess products.

QUESTION — A reader is taking rug hooking lessons and would like to purchase a used rug-hooking frame and a strip wool cutter. Cut her at (717) 964-5353.

QUESTION — D. Hanson, Fork, Md., is seeking a source for a denim chore jacket manufactured by Caboose Works of New Hampshire or by any manufacturer that uses snap fasteners rather than the ususal button/button hole fasteners. She writes that these excellent jackets were available at work clothes outlets in New England, but she cannot find jackets with snap fronts in this area.

QUESTION — Ward Boote, Wyalusing, wants to know the corporate name and address of the Pennsylvania firm marketing Martin's Registered Yorkshire Hogs.

QUESTION — Henry F. Stoltzfus, 613 Noble Rd., Christiana, PA 17509, wants address stampers with interchangeable letters, possibly from Golden Products of Fl.

QUESTION — A Lancaster County resident has an original, not a reprint, of the 1925 State Grange Cookbook, hard cover, excellent condition. He will sell if you call (717) 336-5696.

QUESTION — Mrs. A. Hazelton, Starrucca, would like to know where to get the address to subscribe to "Quelle Katalog."

QUESTION — Harold Miller, Elverson, would like to know where to obtain parts for a Stewart-Warner airless paint sprayer pump Model #327138-2. Serial #261318-K3.

QUESTION — M.W. Mast, Mansfield, would like a source to buy wool material by the pound or by the yard to be used in making braided wool rugs.

QUESTION — N. Kring, Cairnbrook, would like patterns for an upright sweeper cover and also a pattern for the old-fashioned Dutch Boy quilt.

QUESTION — Claire would like "Needle Pointer" magazine issues from 1995-1996. Write to her at P.O. Box 100, Lake Ariel, PA 18346.

QUESTION — Ada Krone, Glen Rock, wants to know where she can buy acrylic fitted top and bottom bed sheet blanket, which are warmer than cotton flannel sheet blankets.

QUESTION — A Lancaster County reader is searching for a source to buy a hand-pumped flashlight with a tiny generator, made in Russia, and formerly available from William Grewe III and from Zanzod Industries of Europe. The address he has for Grewe at Randallstown, Md. is no longer current.

QUESTION — Mabel Zimmerman of New Enterprise wants the words to the clock chime tunes of "Lourdes" and "Trinty."

QUESTION — Evan Weidman, Westfield, would like information about old cookers that he has. On top, it says American Cooker, patented Nov. 29, 1910, other patents pending, No. 70. the other one says the same thing but has a No. 66 on it. He'd like to know who made them and any other instructions.

QUESTION — Ben Kinsinger, Myersdale, wants to know where to find a 5-gallon ice cream freezer to run with an old water cooled gas engine. He also wants a ½ horsepower New Holland gas engine (any condition).

QUESTION — Gail Sherry, Thomasville, wants information on twilling for quilts.

QUESTION — Ruth Stump, Copper Hill, Va., wants the Dec. 1995 issue of "Crafting Traditions," one of the Reiman Publications. She will pay the purchase price and the postage to have it mailed to her at 6788 Floyd Hwy., Copper Hill, VA 24079.

QUESTION — Gary Craig, 852 Newton Rd. McVeytown, PA 17051, would like to find a good used 5 gallon ice cream churn. He will consider a 3 gallon.

QUESTION — Christopher Knisely, Mulica Hill, NJ, is looking for "Freddy The Pig" books published by Knopf and written by Walter R. Brooks. The books were written and published between 1920-1960. She wants all titles and in any condition.

QUESTION — Mrs. Mary R. Wheeler of South Kortright, N.Y., would like to purchase a pattern for a pouty baby doll or a doll itself. She prefers the pattern. Contact her at Box 26, Betty Brook Rd., South Kortright, N.Y., 13842.

QUESTION — Virginia Siegrist of Manheim is interested in buying a Norman Rockwell puzzle, number 4868-1 (man, woman, and child praying at the table). Contact Virginia Siegrist, 810 E. Pleasant View Rd., Manheim, PA 17545, (717) 665-3387.

QUESTION — In pursuit of a long-time hobby, William Sanford is looking for old brass or copper thermometers made many years ago by two Pennsylvania companies named Fisher and Queen Co. If you have one for sale, contact William at 97 Rt.51g, Newton, NJ 07860.

QUESTION — I. A. Rich Sr., Silver Spring, Md., needs a set of brushes for a Red Head Hammer Drill Model #606-3 made by Phillips Drill Co.

QUESTION — David Thompson, New Market, Md., would like to purchase a milk can that had been produced by his grandfather Roy J. Thompson of Mt. Airy, Md. Contact Thompson at P.O. Box 3, New Market, MD 21774.

QUESTION — Jane Latsko, Cochranton, would like to know if anyone will sell Quilter's Secret, a product made in the late 1980s by Pellon Co. Send information to Jane at 2541 Mercer Pike, Cochranton, PA 16314.

QUESTION — Jane Latsko, Cochranton, is hunting a preprinted wall hanging of a quilt hanging on a washline for quilting.

QUESTION — Barbara Schaefer, Bechtelsville, would like instructions on how to make braided rugs and chair pads from men's ties.

QUESTION — Carl Detwiler, Zionsville, wants to know where to get wire rope flemish spiced and swaged.

QUESTION — Sylvia Swarey, 420 Little Britain Rd., Peach Bottom, PA 17563, would like to purchase a used small cream separator.

QUESTION — Helen Spencer, Hopewell, N.J., would like directions for knitting a cable knit sweater vest. Send it to her at 261 Hopewell-Pennington Rd., Hopewell, N.J. 08525.

QUESTION — A reader would like to know where to purchase a hernia support with no underleg bands. He used to purchase them from Montgomery Ward, but they no longer sell it.

QUESTION — L.M. Hoover, 448 Pleasant Valley Road, would like to know where to find ribbon for a word processing typewriter Series LXI, Model 161 53514090, 120V AC60HXZ 04A, Listing model AX60 made by Sears Roebuck Co.

QUESTION — Andy Kramaric, Wallingford, has a 1958 Ford tractor (851 series) and a Wagner tube type front-end loader. The bracket for the front at the axle is missing. If he knows what it looks like, he could [illegible] able to help him?

QUESTION — C.N. Lockenbill, Schuylkill Haven is restoring a New Idea corn husker-shredder. Any information and pictures would be appreciated. Also, is there a New Idea Restoration Club any where?

QUESTION — Jane Strong, 4120 N. Sherman St., Mt. Wolf, PA 17347, wants counted cross stitch or any needlework type designs of A-C tractors or related items.

QUESTION — A reader wants to trade or buy pink Depression Homespun "Fine Rib" made by Jeannette Glass Co. 1939-1949 and Manhatten "Horizontal Ribbed" Pink Tumblers made by Anchor Hocking Glass Co. 1938-1943. Call (717) 865-4444.

QUESTION — A reader from Honesdale would like directions on making a life-size doll that is placed in the back of a car to look like a person sitting there.

QUESTION — Wayne Urffer, Maple Shade, has a Wheeler & Wilson treadle sewing machine that is about 100 years old. He needs a source of information such as a book, newsletter or collector's organization for help in reconditioning and using the machine.

QUESTION — George Musser Jr., Louisa, wants information on a tiller made by George Garden Tools, Division of Community Industries Assoc. of Sullivan. The tiller has a 5 hp motor, cast iron drive with wheel followed by three cultivater teeth, much like a horsedrawn sideswope.

QUESTION — Ben Kensinger, Myersdale, would like to know where to find an old Maytag washer that used a glass fruit jar for a gas tank. Can be rusty or broken. He'd also like a ½ horsepower New Holland engine.

QUESTION — A Morgantown reader has for sale a large corn dryer to use on top of the stove. It is in good condition. Call (610) 286-9086 before 9 a.m. or after 5 p.m.

QUESTION — Ron Young of Layton, N.J., would like to know where to purchase a stalk binder that ties cornstalks with two knots, one at the bottom and one in the middle of the bundles.

QUESTION — Mrs. R. Lantz, Gordonville, would like to purchase Bryde crystal glasses to match a pitcher she has.

QUESTION — Mrs. Adolph Steger, Groton, N.Y., needs to replace a few luncheon, bread and butter, and dinner plates in Royal Garden (a Corning product). Does someone have a few extra pieces to sell. Contact her at 355 Creamery Rd., Apt. 105, Richford, NY 13835.

QUESTION — John Harth, P.O. Box 336 Narrowsburg, NY 12764, would like to buy attachments for a Bungartz Garden Tractor made in Munich, Germany, in 1962, and would like to meet with other owners of Burngartz tractors.

QUESTION — Smokey Coover, Dillsburg, wanted to know where to buy Williams: Anti-Pahn Ointment, the jar lid reads (Auntie Payne). A reader send an address for Standard Medical Co. in Lansford; however, that company is no longer in business at that address. Does any one know if another company is manufacturing the ointment or if it is no longer being manufactured?

QUESTION — Teah Weaver, Lebanon, wants to replace pieces to her china pattern Aquarius by Sango-Concion 207, made in Japan. She contacted Replacements, LTD., but the company does not have it.

ANSWER — Vicki Volinski, Sharon, Conn., sends a recipe for the Manchester reader who wanted a recipe for bath crystals.

Bath Crystals

½ cup baking soda
½ cup coarse sea salt
15 drops essential oil (examples: lavender, rose, etc. Don't use potpourri oil)

Mix and store in sealed jar. A drop or so of food coloring would add color. Makes enough for one bath. Increase amounts accordingly for larger batches. Check out "The Herbal Body Book," by Stephanie Tourles.

ANSWER — E.M.E., Nazareth, wanted to know of a catalog for doll houses, accessories, and miniatures. Thanks to Vicki Volinski, Sharon, Ct., who recommends "The Nutshell News;" however, she has no address for it. Check with your local library for the address.

Entrepreneurs To Get The Scoop On Ice Cream Retailing

UNIVERSITY PARK, (Centre Co.) – Penn State's Ice Cream Short Course, an internationally known program on ice cream manufacturing, is offering a seminar on ice cream retailing for entrepreneurs looking for the scoop on selling ice cream, setting up a business, and making ice cream products – with a few sprinkles of information on pricing, promotion, and other subjects.

"Successful Ice Cream Retailing" runs Jan. 12-15 at the Atherton Hotel in State College. The workshop will be offered in conjunction with short course, which will be held Jan. 5-15, at the Nittany Lion Inn on the University Park campus.

"The retailing seminar is open to anyone interested in starting an ice cream-related business and is offered as an option for those attending the more intensive ice cream short course," said Arun Kilara, professor of food science and director of the ice cream program at Penn State.

The program will be presented by Ed Marks, a consultant for the ice cream industry based in Lancaster. Mark says the seminar will focus on two key attributes of any successful ice cream business – product quality and management expertise.

"The great American dream is to own your own business, and many people have a fantasy of opening an ice cream shop as part of that dream," Marks said. "We try to bring some reality into that fantasy by showing these entrepreneurs that a dream can be accomplished, but it is a lot of hard work."

The seminar also will feature other experts on various aspects of small-business retailing.

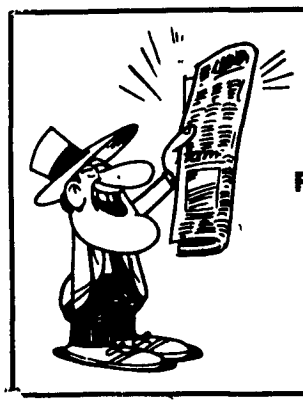
Dick Warren, owner of Four Seas Ice Cream, Cape Cod, Mass., will talk about shaping retail strategies and how to cope with unexpected problems. Warren's business was featured in a recent PBS documentary, "The Ice Cream Story."

Diane and Steve Lueders will give a presentation on specialty ice cream desserts, including some tasty demonstrations, Jan. 14 at 1 p.m. The couple sells specialty ice cream products to the restaurant and hotel industries.

Nick Bishop, president of GRC Inc., will share his expertise on the layout and design of retail stores.

Other speakers include Jim Connell, past president of the National Ice Cream Yogurt Retailers Association; Steve Thompson, president, Emery Thompson Machine and Supply Co., a freezer equipment firm; and Bob Romareno, co-owner of Sentry Equipment, a soft-serve ice cream equipment company.

"The Ice Cream Short Course is a highly technical program that focuses on large scale ice cream manufacturing," Kilara said. "By scheduling the retailing seminar in conjunction with the short course, Penn State can offer clients the opportunity to explore a different part of the ice cream industry."



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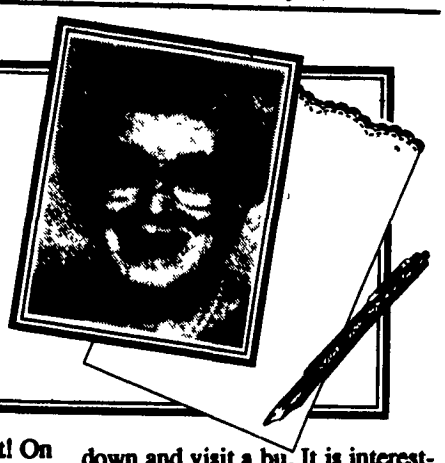
Ida's Notebook

by *Ida Risser*



A new year and a new start! On a Christmas card a cousin wished us "health, peace, and the warmth and love of dear ones." What else could you ask for?

It is a time to change calendars and this year we have a dozen to choose from as several came in the mail. I'll give some away as I only need half of what I have. A friend of mine told me that her mother always said, "Whoever changes the calendar page at the end of the month, will be boss for that month." What a thought.

Last year one of our sons gave me a big, big box of tea bags. And, I do not even drink tea but gradually over the past year I've used some and given some away so that the box is almost empty. I'm sipping some as I write this article.

This year my husband went with me when we distributed my cookies to four neighbors. Each Amish family insisted that we sit down and visit a bit. It is interesting to see how their children are growing. The little ones remind me of the time when we had six at home with us. Lots of laundry and lots of cooking to keep everybody happy.

Now that we are no longer in our gardens every day, I'm finding time to fill scrapbooks and photo albums. This is a job that takes time. All of my pictures are carefully marked on the back as I wish someone had done for me on old photos.

A book was recently published on "Manheim Township Schools." The author asked my permission to use several quite old pictures that my mother took about 1910. Many of the schools are now demolished and the pictures are all that remain. It was entertaining to see the photos of children who are now long gone as are the neighborhood schools.

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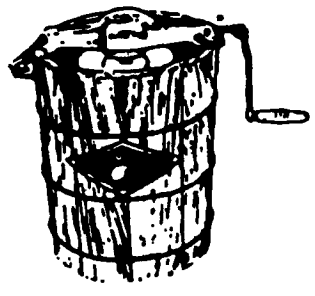

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Lancaster Farming

Winner To Be Announced In Jan. 17 Issue Of Lancaster Farming

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Belgium gelding 16 1 hands, 10 yr old Used in weddings - parade Single or double $1800. Mercer Co Robbinsville, NJ Evenings 609-259-6003

Gray horse smooth mouth acclimated, ready for work $100. Amos S. Blank, 914 Hartman Station Rd., Lancaster, PA 17601

Hay, big & little square bales, also haylage alf alfmix grass, pickup or delivver. Dauphin Co 717-362-9850

Margin gem cookstove with coal grate and warming closet, black and almond $1,100. Cumb Co 717-532-9373

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Nippenose Stove & Chimney
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Williamsport, PA 17701
717-745-3253

1970 Ford Mustang 6-cyl. auto, looks & drives, great $2,500. 1992 Oldsmobile '98 Regency beautiful car, has 116, miles looks & drives like a new one. $6,900. Ph 717-766-6857 Cumb. Co.

2 row Pequea John Deere no-till corn planter, good condition; leave message-Centre Co. 814-383-4507

1988 Chev car four-door sedan 106,850 miles $950. Ear corn old and new $90 ton, you haul. Columbia Co. 717-925-6607

Four 12x14 fiberglass overhead garage doors and one 20x14 door, all about 30 years old Make offer. Chester Co. 717-442-9329

Owner moving, selling inventory from candy and nut business. Also candy jars, registers, scales, trays and much more. Berks Co 610-926-5711

Pony cart minus bike wheels, also 5 gal. of shingle stain, b.o. and other products of 5 gal. cans. Lanc. Co. 717-445-7769

Onan 1 cyl. engine #NBM-SX1847, elec. start $150. 1986 Ford transmission, 3 spd. O/D, clutch, bell housing & etc. $300. V-plow, 8' cut $350 OBO. Cecil Co. 41098-7680

Boston terrier pups, AKC, vet checked, 1st shot, 10 wks York Co 717-993-6095

Pequea 6'x10' tilt trailer, 3000 lb., like new $850 firm. York Co. 717-993-6202

New Idea 2 row mounted 12 roll Husking bed, old 3 beam platform scale, good condition Leb. Co. 717-865-5370

Port-o-brake, 8'6" 12" throat, good condition. Bends aluminum, tin, galvanized metal $245 Berks Co. 610-929-0432

11R22 5 tires, Bridgestone R227 $200 each, 48" Forklift, forks $100 pr. 8' dump bed for one-ton truck $400. Cumb. Co. 717-766-0426

9' Power angle blade for central hydraulics $900; 1985 Dodge 350 4 whl. drive, dump with 8' Meyers blade Sch. Co. 717-875-2558

30 Church pews, A-1 condition, cream color with wood trim, 12' long. Great for new church. Podium also. Dauphin Co. 717-469-1510

Minnich tobacco bale boxes made to order $140. 3 compartment bale boxes, $300 each. 115 Horseshoe Rd., Leola, PA 17540-1765

MF-135 diesel with 2x plow, disk, carry-all, cultivator $3,795. or trade for small dump truck of equal value York Co. 717-246-7404

Wheat straw - clean and bright - $200 per bale or trade on Alfalfa/grass mixed hay. York Co. 717-428-9138

1986 Ford E-150 van cargo. 300 cu. in. manuel 4-sp. overdrive, AC, PS, PB, AM/FM, white, G C. $2,800, Lanc. Co. 717-656-7353

Parting out 1960 wheel horse tractor. JDA wide front parts WANTED, clutch drive for Oliver 90-99. York Co. 717-741-0274

AKC yellow labs F-$200, M-$175 Henry Martin, 494 Quarry Rd., New Holland, PA 17557 Send phone number, will call Lanc Co.

1953 Farmall Super M power steering, nice, clean tractor $2900 John Deere 4- bottom plows, trip back, 3 pt. $250. York Co 717-292-6699

Pincor 16KW generator PTO and trailer $1000 JD 1240 corn planter, four row disk openers, insecticide $300. Franklin Co. 717-532-3781

Metal machines 2 JD lathes, 2 shapers, boring machine, screw cutting lathe, make offer, trade on loader tractor. Dauphin Co. 717-652-1957

7'x9' steel dump hoist subframe pump 30" gate 10T easy mount can see operate $500 obo. Berks Co. 610-589-5164, after 7 pm.

Reg. polled hereford bull /acred 4 year old, showed as 4-H project. Jefferson, WV 304-725-0294

New Idea loader hay straw etc., needs rep York Co. 717-927-6302

3 Michelin XZA radial 8-R 19.5 tires, good tread $175. Lanc Co. 717-733-2873

5000 Ford tractor $4000 400 ft , 1" hr Pres hose, $100 '79 Ford Lariat pickup, no body $1,000 , 4WD, Paul Yerger, Auburn, PA Sch Co 717-754-4661

16 9/14-30 tires with rims off Ford $200., also 8 run dog kennel with 4 cocker spaniels $1,250 Union Co 717-966-4286

Arctic Cat snowmobile 1995 model, like new, 3 mi never used, asking $4,500 or best offer. Berks Co 610-796-1409

Reg. AQHA Gray gelding 7 yr. out of Reynold Wrap Asking $1800. Reg app Filling 1-1/2 quiet asking $800. Monongah, WV 403-432-8324

Color black/white 15'2" 5-yr old great mover, excellent disposition All breeds welcomed L.F.G. If you want color, check him out. Chester Co. 61034-1298

Unique 2-horse light aluminum T.A.T B. front unload, balanced pull with car or light duty truck Chester Co. 610-734-1298

DeLaval 76 vacuum pump w/ 3 hp motor and tank, real nice $475. 5 h p bald or motor used 1 yr. $225. Lanc. 717-786-2103

Triumph M/C parts $100, old Singer sewing machine $75; Hoosier style cabinet $150; 2 hp Fairbanks $275. Atlantic Co , NJ 609-927-2912

Complete LR set Couch, loveseat, chair, end tables, coffee table. Wooden arms, solid wood construction. Good Condition Sch. Co. 717-345-3846

2010 John Deere dozer 6-way blade 4 cyl diesel, good condition $5,500 or best offer. Leave message. Berks Co. 61056-3371

D2 Cat dozer new track pins, steering clutches, rebuilt $3500. After 6 pm, pony motor starting

FOR SALE: 1500 gal Calumet liquid manure vacuum tank, real good condition. York Co 717-259-9507

Children's power wheel electric cars, 5-Jeeps, 1-Fire truck, 1-Car, Chargers, batteries, and extra parts $100 for all. OBO. Lehigh Co 610-967-3957

DX130 4WD Deutz, good tires, 5506 Deutz $2500 4010 JD $6000 6600 J D combine, both heads, gas $5000 Union Co. 717-966-3154

3 cast iron troughs $20 each, 3 metal watering troughs $40 each, two hole pig feeder $40. Cumb Co. 717-243-7974

1987 Yamaha Inviter snowmobile, electric start, liquid cooled, low miles, good condition. York heat pump, 2-1/2 ton. Call evenings. Snyder Co. 717-374-4721

Fallow deer buck 1-1/2 yr., Fallow buck, 6 months, adult male, Rhea's best offer. WANTED Blackbuck female antelope. York Co. 717-938-3007

Farmall-A-tractor with snowplow, very clean, newly painted 85% rubber, new battery $2000. Ford 15" snow tires & rims, $35 pair. York Co 717-428-3392

Two Metropolitan convertibles, one runs and drives Many old tractors such as Case, Mesrmick, Oliver, Allis Chalmers, Fordson Sch Co. 717-648-7015

J D older 2-row corn planter $175 , JD 8 ft drag disc $100 , battery cover for JD 330/320 $15 Mont Co 215-672-6894

For Sale 8 2 Detroit 350 Cummins will trade for DT 466 Int VA 540-433-2804

JD 1240 4-row planter, $750 , Warm morning stove, $125, D-S Champion, good condition, $275 , Jonas Beiler, 233-A Miller St , Strasburg, PA 17579 Lanc Co.

500 gal propane tanks, 1000 gal propane tanks Call 9 00-9:15 a m Leb Co 717-949-2824

Two work horses, choice of four $1,100 8 yr old Saddlebred young boys horse Elam L Stoltzfus, 389 Haiti Rd , Quarryville, PA 17566

1929 Studebaker Erskine 4 dr , 1931 Studebaker dictator 4 dr. 8 cyl., both in running condition, stored inside $6-7,000 each obo Dauphin Co 717-362-9850

Ford 9N tractor motor, smokes, tires fair shape $875 St. Mary's Co , MD 301-994-0926

6 ft. ELS manure pump, Martin water nitrate & PH system, 3 ton plywood feed bin, 381 N. Little Britain Rd , Quarryville, PA Lanc Co. 717-529-2944

1946 GMC 18,000 miles, 21,000 gross, new tires 8 25 20, great shape $3,500 or offer Need room North'd Co. 717-286-1043

JD 12' rotary hoe, excellent $400, pair 18 4x34 tires 70% tread $250. M&W turbo for 1070 Case $550 West Co. 412-539-1044

2 60 lb. Biomilkers, 1 extra pail. 4 surge mini Orbit claws and shells. Stainless steel valves Lanc. Co 717-733-1302

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Judging Schedule For The 1998 Pennsylvania Farm Show

(Judging events are not open to the public on Thursday and Friday. The Farm Show opens on Saturday, January 10, 1998.)

1998 Pennsylvania State Farm Show
Tentative schedule - subject to change

Thursday, January 8
(Judging only - show closed to public)
6 PM - Judging: Swine Progeny Test Show - Small Arena

Friday, January 9
(Judging only - show closed to public)
8 AM - Judging: Apiary Products, Fruits & Edible Nuts - East Lobby
8 AM - Judging: Family Living & 4-H Opportunities - Upper Northeast Bldg.
9 AM - Judging: Tobacco - Upper Northeast Bldg.
9:30 AM - Judging: Vegetables - West Lobby
10 AM - Swine Judging (in order): Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted & Yorkshire - Small Arena
10 AM - Judging: Hay - Upper Northeast Bldg.
10:30 AM - Judging: Corn - Upper Northeast Bldg.
12 noon - Judging: Small Grains - Upper Northeast Bldg.
12 noon - Judging: Vocational Horticulture - Upper Northeast Bldg.
12 noon - Judging: Christmas Trees - Main Lobby
12 noon - Judging: Maple Syrup Products - East Lobby
12:30 PM - Judging: Potatoes - Upper Northeast Bldg.
4 PM - Judging: Mushrooms - West Lobby
4 PM - Judging: FFA Landscapes - Upper Northeast Bldg.
5 PM - Carcass Lamb Live Evaluation - Small Arena
6 PM - Judging: School Table Top Exhibits - Upper Concourse, Large Arena
6:30 PM - Judging: Rabbits - Lower Concourse, Large Arena

(Turn to Page B20)

Saturday, January 10
Governor's Day
8 AM-9 PM - See List of Daily Attractions - Entire Complex
8 AM - Judging: School Window Exhibits - Lower Concourse, Large Arena
9 AM-8PM - Shaver's Creek Environmental Center - Upper Northeast Bldg.

JUDGING SCHEDULE KEY
EL = East Lobby
LA = Large Arena
LAL = Large Arena, Lower Concourse
LAU = Large Arena, Upper Concourse
ML = Main Lobby
NE = Northeast Building, Lower Level
UNE = Northeast Building, Upper Level
SA = Small Arena
WL = West Lobby

Time	Thursday Jan. 8	Friday Jan. 9	Saturday Jan. 10	Sunday Jan. 11	Monday Jan. 12	Tuesday Jan. 13	Wednesday Jan. 14	Thursday Jan. 15
8 A.M.		Judging: Apiary products & fruit- EL; Edible nuts- EL; Family living & 4-H opportunities- NE .	Judging: School Window Exhibits- LAL.	Judging Draft Horses, Belgian, Clydesdale, Shire, Percheron-LA	Judging Beef Cattle in order, Ring 1, Limousin, Angus. Ring 2, Polled Hereford, Simmental-LA	Judging Dairy Cattle: Brown Swiss, Jersey, & Milking Shorthorn-LA 8:30 a.m. Vo-Ag School Demonstrations- LAU, Junior Market Swine Classes- SA.	Vo-Ag School Demonstration- LAU. Junior Market Lamb Classes-SA. 8:30 a.m. Judging Junior Beef Breeding Cattle (in order) Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn & Simmental-LA	8:30 a.m.- Dairy Goat Judging (In Order) Alpine, LaManchа, Nubian, Toggenburg, Other Purebreds & Recorded Grades- Best Doe of Show-LA
9 A.M.		Tobacco-UNE; 9:30 a.m., Judging Vegetables-WL.	Judging: Rabbits- LAL 9:30 a.m. Supreme Champion Swine- SA	Judging: School Exhibits- LAL Judging Sheep (in order): Oxford, Southdown, Suffolk, Dorset & Hampshire-SA		Judging: Carcass Lamb On-Rail (Off-Site). 9.30 a.m.- Judging: Dairy Cattle, Holstein- LA.		Farm Show Scholarship Foundation Awards-SA
10 A.M.		Judging Swine (In Order), Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted, & Yorkshire- SA: Hay-UNE; 10:30 Corn-UNE.	Swine Sales (in order): Supreme Champion, Duroc, Poland China, Chester White, Berkshire, Hampshire, Landrace, Spotted Swine, Yorkshire-SA.	Non-Denominational Worship Service- LA.				Sale Of Champions & Reserve Champions SA Junior Steer Sale- SA Junior Market Goat Show-LA
11 A.M.			Blue Ribbon Apple Pie Contest- NE 11:30 a.m., Governor's Address-LA	Supreme Champion Draft Horse-LA, 11:30 a.m., Draft Horse Youth Showmanship-LA		Judging Dairy Cattle Ayrshire & Guernsey-LA	Grand Champion Jr Market Lamb-SA 11:15 a.m., Jr Sheep Breeding in order, Ring 1, Rambouillet, Corriedale, Merino, Columbia, Oxford, Southdown, Suffolk, followed by Jr Lamb Showmanship. Ring 2, Dorset, Hampshire, Shropshire, Montadale, Cheviot-SA	11:15 a.m.- Junior Market Swine Sale- SA
Noon		Judging: Christmas trees- ML. Small grains- NE . Judging: Maple syrup products-EL 12:30 p.m.- Judging: Potatoes-UNE.	Championship Rodeo-LA 	Vo-Ag School Demonstration. 12:30 a.m., Judging Beef Cattle, Charolais-LA			Junior Steer Classes-LA	
1 P.M.					Junior Shepherd's Contest- SA.			Junior Market Lamb Sale- SA.
2 P.M.			Greatest Cocoa Cake And Cookie Contest- NE .	2-4 p.m., Draft Horse Hitched Cart Classes-LA	2:30 p.m.- Beef Supreme Champion- LA	2:30 p.m- Supreme Champion Of Dairy Breeds Followed By Junior Dairy Cattle Showmanship- LA 2:45 Grand Champion Junior Market Swine-SA Junior Swine Showmanship Contest-SA		
3 P.M.		Best of Poultry Awards-LA.		Wool Judging- NE			3:15 p.m- Grand Champion Steer- LA 3:45 p.m.- Junior Beef Showmanship- LA	
4 P.M.		Judging Mushrooms- WL, Vocational Horticulture- NE	Cumberland Co 4-H Club Drill Team- LA		4-6 p.m- FFA Mid-Winter Convention- LA	4:30 p.m- Horse Pulling Contest (In Order) Lightweight Horses; 6-Horse Hitch, Heavyweight Horses- LA	Judging Sheep (in order) Merino, Rambouillet & Corriedale-SA	Farm Show Ends
5 P.M.		Judging Carcass Lamb live Evaluation- SA	Rodeo, Pennsylvania High School Rodeo Assn- LA	5-7 p.m., Draft Horse Hitched Team Classes-LA	5-7 p.m- Annual Sheep To Shawl Contest- SA			
6 P.M.	Judging Swine Progency Test Show-SA.	Judging School Table Top Exhibits-LAU	Judging Sheep (in order) Cheviot, Shorpshire- SA	Supreme Champion Sheep Meat Breeds- SA		Pleasure Horse Demonstrations- SA	State Champion Pony Pulling Contest (In Order) Lightweight, Medium weight & Heavyweight Divisions- LA	
7 P.M.					7-9 p.m- Folk Dance Festival & Contest- LA		Auctioneers Bid Calling Contest- UNE	
8 P.M.					Auction Of Shawls- SA		Sheep Supreme Champion, Wool Breeds- SA	

COMMERCIAL EXHIBITOR KEY

The Pennsylvania State Farm Show exhibition area is a large complex comprised of 11 display areas, essentially inside seven adjoining buildings. Spaces for commercial exhibitors are designated in eight display areas. To locate specific Farm Show commercial exhibitors, find the name of the exhibitor, and then look for the building area code and the space number. For example: ABS Global Inc. is the commercial exhibitor; it is located in the Northeast Building on the lower level (NE-LL) in exhibit lots 15 and 16.

MAIN FLOOR: No building designation before the number.

NORTH BUILDING: Space numbers preceeded by "N."

NORTHEAST BUILDING: Either designated as NE-LL for the lower level, or NE-2nd for second floor spaces.

FOOD COURT: No other designation (used to be called the East Building).

NORTHWEST BUILDING: Space numbers preceeded by NW.

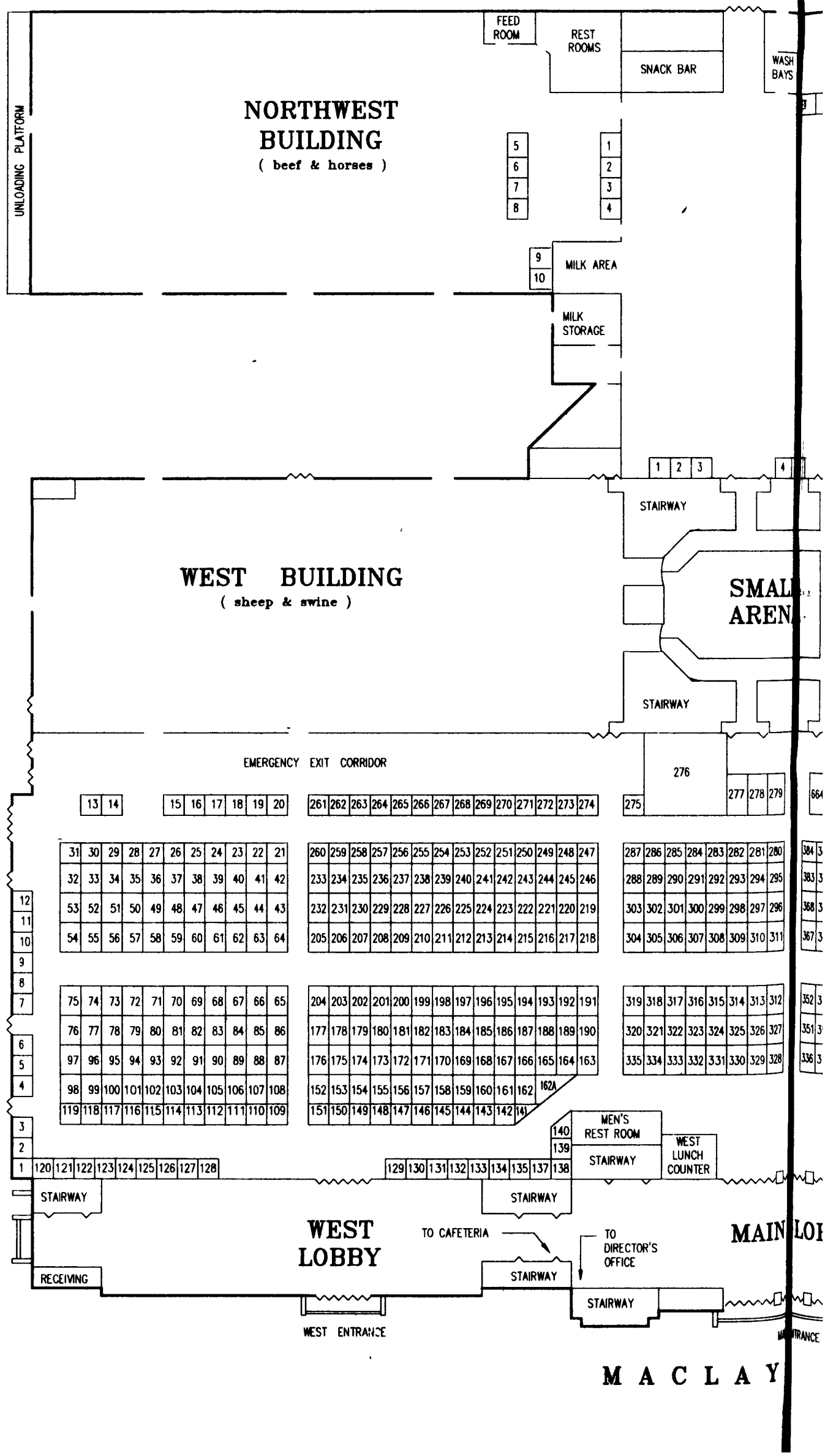
LARGE ARENA: Commercial exhibitors are generally confined to the lower level of the Large Arena and the symbol is LA-LL.

WEST LOBBY: The West Lobby has become synonymous with the Pennsylvania Marketplace — where food processors and retailers can set up stands to promote their products.

	Space #
ABS GLOBAL, INC.	NE-LL 15, 16
ADADC	N 9, 10
AG BAG INTERNATIONAL LIMITED	416, 417
AG INDUSTRIAL EQUIPMENT	608, 627
AG RESOURCES INC.	404
AGRI BUSINESS INS AGENCY, INC.	522
AGRI-KING INC.	500, 501
AGRI-QUIP CORP.	662
AGRICULTURE AWARENESS FOUNDATION OF	NE-2nd 6
AGWAY, INC.	376, 377, 390, 391
AGWAY/SEEDWAY, INC.	485. 486. 484
ALDERFER BOLOGNA COMPANY, INC.	Pa. Marketplace WL 23
ALFRED STATE COLLEGE	480
ALLEN PLANT COMPANY	483
ALTMEYER'S WESTERN WEAR	OUTSIDE 32; NW 3, 4, NE-LL 26-28
AMERICAN CHESTNUT FOUNDATION.	NE-2nd 23
AMERICAN SEED COMPANY	441
AMERICAN STANDARD CO. DBA FLORIAN RATCHET-CUT	467
AMERICAN STEEL STAN	186-188, 193-195
AMSOIL - HALLOCK ENTERPRISES	648, 649
AMTRAK	409
APPLE AGRI SALES, INC.	593, 594
ARN SUPPLY CORPORATION (CONKLIN CO.)	NE-LL 5, 6
ATEECO, INC/MRS. T'S PIEROGIES	Pa. Marketplace WL 17, 18
AWR PRODUCTS PTY LTD	634, 635
BEITZEL'S SPRAYING	638, 639
BERG EQUIPMENT COMPANY	399, 398, 410, 411
BETTER BILT STORAGE, INC.	90, 91, 104, 105, 112, 113
BINKLEY HURST BROTHERS, INC.	237-242, 251-256
BISON RIDGE INC.	Pa. Marketplace WL
BRITTINGHAM PLANT FARMS, INC.	446
BUTLER MANUFACTURING COMPANY	643
BUTTER KRUST BAKING COMPANY	Pa. Marketplace WL 24
C. J. WONSIDLER BROTHERS	92-94, 101-103, 114-116
C.B. HOOBER & SON, INC.	68, 69, 70-82
CAKE AND KANDY EMPORIUM	Pa. Marketplace WL 26
CANNS-BILCO DISTR., INC.	27-29, 34-36
CARGILL FEED DIVISION - YOUNG'S	508-509
CARGILL HYBRID SEEDS, INC.	505-507
CARLTON SNACK FOODS	440
CARNEY CATTLE & FENCE CO.	524, 525
CASE CORPORATION	65-67, 84-89, 106-111
CATTLE CARE SERVICE, INC.	481
CENTER FOR RURAL PENNSYLVANIA	397
CENTRAL TRACTOR FARM & COUNTRY INC.	168-173, 180-185, 196-198
CENTURY FARM PRODUCTS	15, 16
CHEMGRO, INC.	488-491
CHEVROLET MOTOR DIVISION	243-250
CITADEL COMMUNICATIONS CORPORATION/Z107	668
CLOISTER SPRING WATER COMPANY	Pa. Marketplace WL 5, 6
COOKS AMUSEMENTS DBA PA STATE SHOWMEN'S ASSN.	LA-LL 14, 15
COUNTRY JOURNAL	N 6
CONRAIL/PENNDOT	462
COWCO, INC.	LA-LL 6
CUB CADET CORPORATION	280-282, 293-298, 309-311
CUMMINS POWER SYSTEMS, INC.	458
D & S SALES	447
D K. HOSTETLER, INC.	143-148, 155-160; NE-LL 1-4, 30
DAIRYLEA COOPERATIVE INC.	N 4
DAN HUDON SALES INC.	504
DATA TRANSMISSION NETWORK CORPORATION	603
DELAWARE VALLEY COLLEGE	518, 519; NE-2nd 1, 2
DICK LAING DIESEL SERVICE, INC.	571-572
DICK MEYER CO, INC.	622
DISABLED AMERICAN VETERANS, DEPT.	654, 655
DIXON INDUSTRIES, INC.	640, 641
DOEBLER'S PA HYBRIDS, INC.	443-445
DURATECH INDUSTRIES INTERNATIONAL	661
E. M. HERR EQUIPMENT, INC.	628, 629
EASTERN BISON ASSOCIATION	N 35
ELK TRAILS RANCH - RONALD KIPPS	NW 9
ENDLESS MOUNTAIN EQUIPMENT	283-285, 290-292
ENVIRONMENTAL SYSTEMS,INC	630
EPA REGION III, 3AT11	529
F.A.M.I.L.I.E.S.	25, 26
FARMSHINE	487
FEATHERLITE MANUFACTURING, INC.	568-570, 585-587
FEDERAL RAILROAD ADMINISTRATION/PENNDOT	462
FEEDMOBILE INCORPORATED	659
FELLOWSHIP OF CHRISTIAN FARMERS INTERNATIONAL	459
FISHER STRUCTURES	125, 126
FORT DODGE ANIMAL HEALTH.	N 1
FRANK W. WINNE AND SON, INC.	602
FRANK WALTERS ENTERPRISES INC.	526-528
FRITZ FREY LIVESTOCK SUPPLY.	NW 12
FURMAN FOODS, INC.	Pa. Marketplace WL 22
FURST MCNESS COMPANY/MIRACLE FEEDS	601
G & G INDUSTRIES	610, 611
G'S CARAMEL CORN	Pa. Marketplace WL 15, 16
GEBHART CONSTRUCTION	553
GENEX COOPERATIVE	N 39
GORDON TRAIN INTERNATIONAL	464-466
GOSS CANDIES LTD.	13, 14
GREENHOUSE SUPPLY, INC.	378-380, 387-389
GRO MOR PLANT FOOD COMPANY, INC	412-415
GROFF'S HOMEMADE CANDY	Pa. Marketplace WL 20
GROWERS CHEMICAL CORPORATION	598, 599
GVM, INC.	206, 207, 230, 231
HALL'S ICE CREAM	Pa. Marketplace WL
HAMILTON EQUIPMENT, INC.	312-335
HARDY MONOGRAMMING	276
HATFIELD QUALITY MEATS, INC.	Pa. Marketplace WL 9, 10
HEATMOR, INC.	362-364, 371-373
HERR FOODS, INC.	Pa. Marketplace WL 29, 30
HOFFMAN SEEDS,INC.	493-495
HOLSTEIN ASSN. USA	573
HOLTKAMP IMPLEMENT, INC.	127-128
IOWA AREA DEVELOPMENT GROUP	517
INGLEBY FARMS INC.	Pa. Marketplace WL
J & J AGRIPRODUCTS & SERVICE, INC.	

Exhibitor's List, Loc

J-STAR INDUSTRIES, INC.	174-179, 202-204
J. L. GOSSERT & COMPANY FORESTRY.	NE-2nd 24
J. S. WOODHOUSE COMPANY, INC.	286-289, 302-305
JEFFERS VET SUPPLY	659
JORAMA RANCH	NE-LL 21, 22
JOSEPH A. THOMAS, LTD.	660
JUNIATA SPRINGS BISON FARM	N 3
KARCHER HYDRO WASH	7-9
KENCOVE FARM FENCE, INC.	449
KEYS ET AL	43-47, 60-64
KEYSTONE FARM CREDIT	478
KEYSTONE STIHL, INC	468-470
KINITZ LLAMA FARM/DEJA VUE LLAMAS	NW 21
KIPE STEEL, INC.	408
KIWI FENCE SYSTEMS, INC.	583, 584
KNIGHT MANUFACTURING INC.	299-301, 306-308
KOUP'S CYCLE SHOP, INC.	129, 130
KUHN FARM MACHINERY, INC.	214-223
KUTZ FARM EQUIPMENT	Outside 1-3; NE-LL 17-20
KUTZTOWN BOLOGNA	Pa. Marketplace WL
L B. BRUNK & SONS, INC.	LA-LL 13
LANCASTER FARMING, INC.	274
LAND O'LAKES, INC.	NE-LL 8
LAWN CARE DISTRIBUTORS, INC.	665
LELY CORPORATION	350, 351, 336, 337
LESTER BUILDING SYSTEMS	650, 651
LINCOLN ELECTRIC CO.	460, 461
LOAD BOSS INC.	122-124
M. H. EBY, INC.	21-26, 37-42
MAHONING OUTDOOR FURNACE, INC.	Outside 29
MANUFACTURERS'S DIVERSIFIED SERVICES	365-367
MARTIN'S POTATO CHIPS, INC.	Pa. Marketplace WL 21
MASTERCLEAN	136, 137
MCCONNELL MANUFACTURING CO, INC.	52-55
MCGEARY GRAIN, INC.	604, 605
MELROE COMPANY/INGERSALL-RAND	208-213, 224-229
MENSCH MANUFACTURING	NE-LL 14
MEREDITH CORPORATION DBA SUCCESSFUL FARMING	403
METRO CREMO & SONS, INC.	1-3, 120, 121; LA-LL 7
MICHAEL MOOTZ CANDIES	Pa. Marketplace WL 7, 8
MID ATLANTIC MILK MARKETING ASSOCIATION	348, 349, 338, 339
MID-ATLANTIC AGRI SYSTEMS	400-402
MILK MARKETING, INC.	NE-LL 9, 10
MILK-RITE, INC.	536

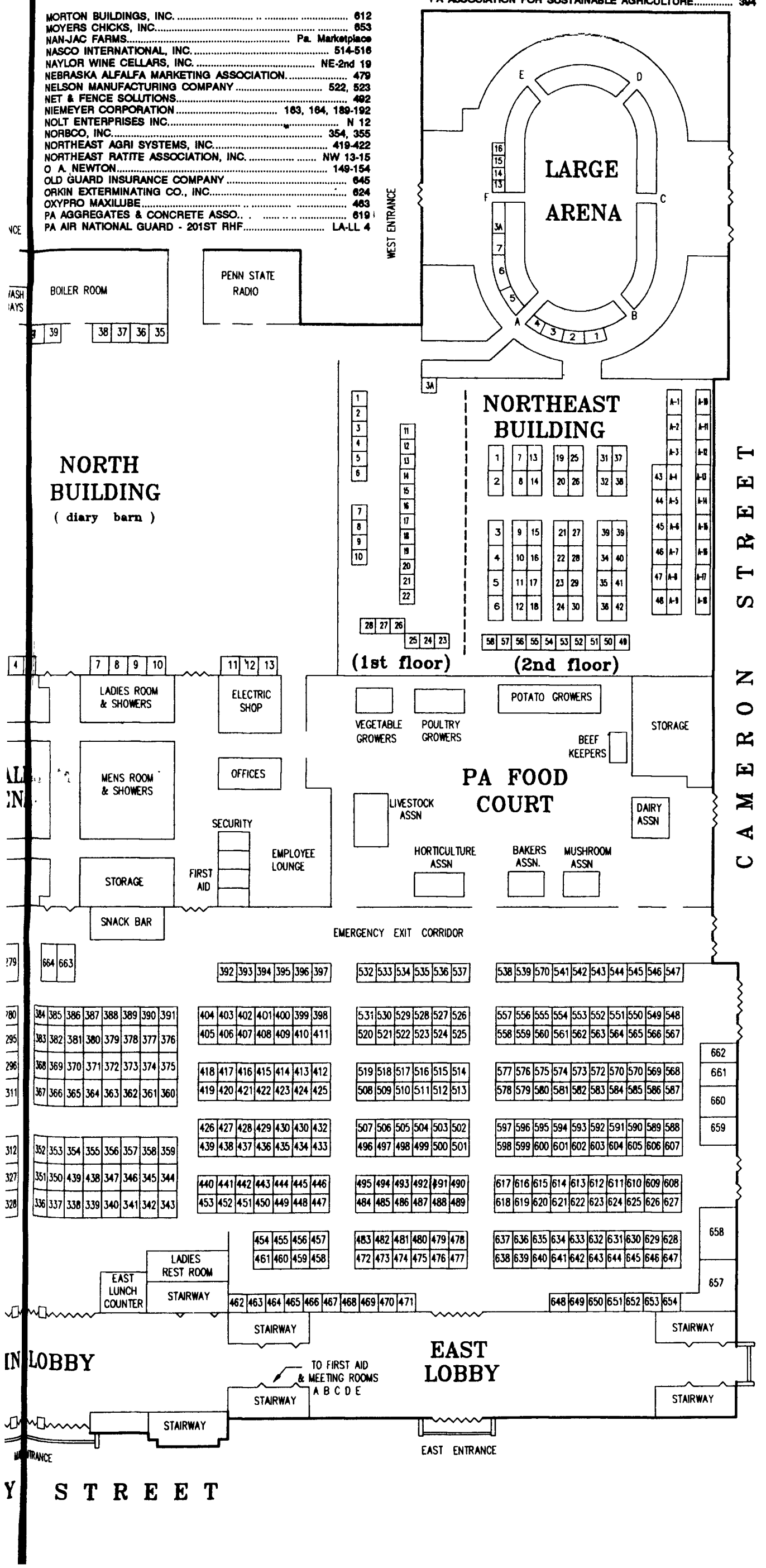


...ons, Building Layout

MILLER DIESEL, INC. 482
MODERN EXPLORER PRODUCTS 442

MORTON BUILDINGS, INC. 612
MOYERS CHICKS, INC. 653
NAN-JAC FARMS ..... Pa. Marketplace
NASCO INTERNATIONAL, INC. 514-516
NAYLOR WINE CELLARS, INC. NE-2nd 19
NEBRASKA ALFALFA MARKETING ASSOCIATION 479
NELSON MANUFACTURING COMPANY 522, 523
NET & FENCE SOLUTIONS 492
NIEMEYER CORPORATION 163, 164, 189-192
NOLT ENTERPRISES INC. ..... N 12
NORBCO, INC. 354, 355
NORTHEAST AGRI SYSTEMS, INC. 419-422
NORTHEAST RATITE ASSOCIATION, INC. ..... NW 13-15
O A. NEWTON 149-154
OLD GUARD INSURANCE COMPANY 645
ORKIN EXTERMINATING CO., INC. 624
OXYPRO MAXILUBE 463
PA AGGREGATES & CONCRETE ASSO. 619
PA AIR NATIONAL GUARD - 201ST RHF ..... LA-LL 4

PA AQUACULTURE ASSOCIATION ..... Food Court
PA ARMY NATIONAL GUARD 423
PA ASSOCIATION FOR SUSTAINABLE AGRICULTURE 394



PA AUCTIONEERS ASSOCIATION 620
PA BAKERS ASSOCIATION ..... Food Court
PA BEEF COUNCIL ..... NW 1
PA BOARD OF FINANCE & REVENUE 138-140
PA BUREAU OF STATE EMPLOYMENT 667
PA CATTLEMEN'S ASSOCIATION, INC. ..... NW 2
PA COOPERATIVE POTATO GROWERS, INC. ..... Food Court
PA DAIRY PROMOTION PROGRAM 424, 425
PA DAIRYMENS ASSOCIATION ..... Food Court
PA DEPT OF ENVIRONMENTAL PROTECTION NE-2nd 20, 21
PA DEP, BUREAU OF WATER QUALITY PROGRAMS NE-2nd 11-15
PA DEPT OF AG 368-370, 381-386
PA DEPT OF AG
BUREAU OF ANIMAL INDUSTRY ..... NW 8
PA DEPT OF AG
FARM SAFETY & OCCUPATIONAL HEALTH 580, 581
PA DEPT OF
CONSERVATION & NATURAL RESOURCES 540-541
PA DEPT OF HEALTH NE-2nd 7-10
PA DEPT OF LABOR & INDUSTRY
BUREAU OF EMPLOYMENT SERVICE & TRAINING 625
PA DEPT OF REVENUE 652
PA DHIA ..... N 5
PA EMU FARMERS ASSOCIATION NE-2nd 5
PA FARM BUREAU 574-579
PA FARM INSURANCE 434
PA FARMERS UNION 433
PA FLORISTS ASSOCIATION 663
PA FLOWER GROWERS 664
PA FORESTRY ASSOCIATION NE-2nd 33
PA GAME COMMISSION 542-544
PA HARDWOODS DEVELOPMENT COUNCIL NE-2nd 24
PA HIGH SCHOOL RODEO ASSOCIATION NE-2nd 22
PA HOLSTEIN ASSOCIATION ..... N 36-38
PA INSURANCE DEPARTMENT 623
PA LIQUOR CONTROL BOARD 591, 592
PA LIVESTOCK ASSOCIATION ..... Food Court
PA MAINE-ANJOU ASSOCIATION ..... NW 21, 22
PA MAPLE SYRUP PRODUCERS COUNCIL ..... 471; Food Court
PA MILK MARKETING BOARD 205, 232
PA MUSHROOM GROWERS COOPERATIVE ..... Food Court
PA NATIONAL FARMERS ORGANIZATION 533
PA POULTRY FEDERATION ..... Food Court
PA PUBLIC UTILITIES COMMISSION
OFFICE OF EXEC DIRECTOR, COMMUNICATIONS 590
PA RELIEF SALE ..... LA-LL 3
PA RURAL ELECTRIC ASSN 475-477
PA SAFE KIDS/FARM SAFETY NE-2nd 31, 32
PA STATE BEEKEEPERS ASSOCIATION ..... Food Court
PA STATE GRANGE 454-457
PA STATE LOTTERY 545-547
PA STATE SABBATH SCHOOL ASSN ..... LA-LL 1
PA TREASURY 644
PA VEGETABLE GROWERS ASSOCIATION ..... Food Court
PA VETERINARY MEDICAL ASSOCIATION 396
PA WINE ASSOCIATION NE-2nd 16
PACMA, INC. 609
PALMYRA BOLOGNA COMPANY, INC. ..... Pa. Marketplace WL 25
PENN DIESEL SERVICE COMPANY, INC. 451-453
PENN FORESTRY COMPANY,INC ..... LA-LL 2
PENN JERSEY
FARM & POWER EQUIPMENT DEALERS ASSN 341
PENN JERSEY PRODUCTS,INC. 268-273
PENNSYLVANIA COLLEGE OF TECHNOLOGY 556, 557
PENNSYLVANIA FARM LINK 431
PIONEER HI BRED INTNL, INC 496-498
PITT AUTO ELECTRIC CO. 558, 559
POLYDOME INC. 554, 555, 560, 561
POWER PRO EQUIPMENT CO. 131-135
PSU (NAT'L SPACE GRANT PROGRAM) NE-2nd 17, 18, 27, 28
PSU (RADIO ROOM) 666
PSU, PENNSYLVANIA STATE UNIVERSITY 426-430, 435-439
QUALITY FENCING AND SUPPLY CO. 658
RAMM FENCE SYSTEMS INC. 352, 353
ROARING SPRINGS WATER SERVICES 275
ROHN AGRI PRODUCTS, INC. 621
ROYAL OSTRICH ..... Pa. Marketplace WL
RYDER SUPPLY COMPANY, INC. 342-345, 358, 359
S.I. DISTRIBUTING, INC. 562, 563
SCHNUPP'S GRAIN ROASTING, INC. 502, 503
SCOTTDALE SUPPLY COMPANY ..... NW 5-7
SENATOR RICK SANTORUM 538
SENSATIONAL SWEETS ..... Pa. Marketplace WL 28
SHENANGO STEEL BUILDINGS, INC. 657
SIGNATURE 613, 614
SIRE POWER, INC. ..... NE 11
SNOOK'S EQUIPMENT 48-51, 56-59
SOLLENBERGER SILOS CORP 261-265
SONES GRAIN SYSTEMS 588, 589, 606, 607
SOUTHEASTERN STEEL BUILDINGS, INC. 266, 267
SPORTSMAN OPTICAL 432
STATE HORTICULTURAL ASSOCIATION OF PA. ..... Food Court
STATE SYSTEM OF HIGHER EDUCATION 340
STOCKADE BUILDINGS, INC. 617
SUMMIT AG SYSTEMS ..... LA-LL 5
SUN CO INC/KENDALL MOTOR OIL 472
SUNFLOWER MFG. CO., INC. 233-236, 257-260
T. A. SCHMID PORTABLE BANDSAW MILLS ..... Outside 28
TAM SYSTEMS, INC. 595-597
TANGLEWOOD INVESTMENTS INC - J.M. ..... NW 10
TASTY MAID BAKERY ..... Pa Marketplace WL
TATGE CHEMICAL COMPANY 631, 632
TELMARK INC. 550-551, 564, 565
TEMPLE UNIVERSITY/INSTITUTE ON DISABILITIES NE 2nd 29, 30
TERMINIX INTERNATIONAL INC., L.P. 600
THE DANIEL WEAVER COMPANY ..... Pa. Marketplace WL 19
THE FAMILY BOOK CENTER NE-2nd 4
THE FARMER'S FRIEND 534
THE GSI GROUP, INC. 636, 637, 646, 647
THOMAS EQUIPMENT COMPANY 30-33
TICO MANUFACTURING, INC. 548, 549, 566, 567
TILTON EQUIPMENT COMPANY, INC. 520, 521, 530, 531
TODD FARM EQUIPMENT, INC. 360, 361, 374, 375
TRACTOR TRIVETS 626
TRI-COUNTY CONFINEMENT SYSTEMS, INC 537
TRIANGLE COMMUNICATIONS, INC. 17
TURKEY HILL DAIRY ..... Pa. Marketplace WL
UNIVERSITY OF PA, SCHOOL OF VET. 405-407
USDA, ANIMAL & PLANT HEALTH 539
USDA, FARM SERVICE AGENCY 392, 393
USDA, GIPSA, P&SP 395
USDA, NATURAL RESOURCES CONSERVATION SVC 535
UTZ QUALITY FOODS, INC. ..... Pa. Marketplace WL 11, 12
VA-NC SELECT SIRES, INC. ..... N 13
VAN VEEN ENTERPRISES (FARMMASTER) 18-20
VERMEER MANUFACTURING CO. 10-12
VIT-E-MEN CO, INC. 582
W.D. HOARD & SONS COMPANY 532
WEABER INC. 618
WATKINS QUALITY PRODUCTS ..... Pa. Marketplace WL 3
WEAVER DISTRIBUTING 615, 616
WENGER'S OF MYERSTOWN 346, 347, 356, 357
WES STAUFFER ENGINES & EQUIPMENT 510-513
WESTMOOR, LTD ..... NE-LL 13
WHEELABRATOR WATER TECHNOLOGIES, I 633
WHITETAIL ENTERTAINMENT ..... NW 16-19
WILLOW SPRINGS FARM ..... N 2
WIX CORPORATION 642
WOOD-MIZER PRODUCTS, INC. ..... 95-119; Outside 4-6
WORLEY NURSERIES 460
ZETOR TRACTOR 141, 142, 161-167
ZOOK'S DUTCH NOVELTIES 4-6

Schedule For The 1998 Pennsylvania Farm Show

(Continued from Page B17)

9:30 AM - Supreme Champion Swine - Small Arena
10 AM - Swine Sale (in order): Supreme Champion, Hampshire, Chester White, Berkshire, Landrace, Yorkshire, Spotted Swine, Poland Chine - Small Arena
10 AM - Blue Ribbon Apple Pie Contest - Upper Northeast Bldg.
11 AM - Cooking Demonstration - West Lobby
11 AM - PA State Police Mounted Drill Team Performance
11:30 AM - Governor's Address - Large Arena
12 noon-3 PM - Pennsylvania High School Rodeo Assn. Championship Rodeo - Large Arena
1 PM - Cooking Demonstration - West Lobby
1-3PM - Meet the Grower - East Lobby
2 PM - Greatest Cocoa Cake and Cookie Contest - Upper Northeast Bldg.
3 PM - Cooking Demonstration - West Lobby
4-5 PM - Cumberland County 4-H Club Drill Team - Large Arena
5 PM - Rabbit Auction - Small Arena
5 PM - Farm Show Fashions with a Flair - Upper Northeast Bldg.
5 PM - Cooking Demonstration - West Lobby
5-8 PM - Pennsylvania High School Rodeo Assn. Championship Rodeo - Large Arena
6 PM - Sheep Judging: Cheviot followed by Shropshire - Small Arena

Sunday, January 11
Family Day

8 AM-9 PM - See List of Daily Attractions - Entire Complex
8 AM - Draft Horse Judging: Belgian, Clydesdale, Shire & Percheron - Large Arena
9 AM - Sheep Judging (in order): Southdown, Suffolk, Dorset, Hampshire and Oxford - Small Arena
9 AM-8 PM - Shaver's Creek Environmental Center - Upper Northeast Building
10 AM - Non-Denominational Worship Service - Meeting Rooms B-E
11 AM - Cooking Demonstration - West Lobby
11 AM - Supreme Champion Draft Horse - Large Arena
11:30 AM - Youth Showmanship for Draft Horses - Large Arena
11 AM-3 PM - Scooperbowl - Upper Northeast Bldg.
12:30 PM - Beef Cattle Judging: Charolais - Large Arena
12 noon - Vo-Ag School Demonstrations - Large Arena, Upper Concourse
1 PM - Cooking Demonstration - West Lobby
1-3 PM - Meet the Grower - East Lobby
2-4 PM - Draft Horse Hitched Competition: Cart Classes - Large Arena
3 PM - Judging: Wool - Upper Northeast Bldg.
3 PM - Cooking Demonstration - West Lobby
4-5 PM - PA State Police Mounted Drill Team Performance - Large Arena
5-7 PM - Draft Horse Hitched Competition: Team Classes - Large Arena
5 PM - Cooking Demonstration - West Lobby
6 PM - Supreme Champion Sheep, Meat Breeds - Small Arena

Monday, January 12
Agricultural Heritage Day

8 AM-9 PM - See Daily List of Events - Entire Complex
8 AM - Beef Cattle Judging - Large Arena
Ring 1 - Limousin followed by Angus
Ring 2 - Polled Hereford followed by Simmental
8:30 AM-1 PM - Vo-Ag School Demonstrations - Upper Northeast Bldg.
8:30 AM-7 PM - Family Living and Agricultural Learning Center Demonstrations - Upper Northeast Bldg.
9 AM-8 PM - Shaver's Creek Environmental Center - Upper Northeast Bldg.
11 AM - Cooking Demonstration - West Lobby
1 PM - Junior Shepherd's Contest - Small Arena
1 PM - Cooking Demonstration - West Lobby
1-3 PM - Meet the Grower - East Lobby
2:30 PM - Beef Supreme Champion - Large Arena
3 PM - Cooking Demonstration - West Lobby
4 PM-6 PM - Pennsylvania State FFA Convention - Large Arena
5 PM - Cooking Demonstration - West Lobby
5 PM-7 PM - 15th Annual Sheep to Shawl Contest - Small Arena
7 PM-9PM - Folk Dance Festival & Contest - Large Arena
8 PM - Auction of Shawls - Small Arena
8 PM - Intermission: Dance Demonstration - Large Arena

Tuesday, January 13
Dairy Day

8 AM-9 PM - See List of Daily Attractions - Entire Complex
8 AM - Dairy Cattle Judging: Ayrshire, Guernsey & Milking Shorthorn - Large Arena
8:30 AM-4 PM - Vo-Ag School Demonstrations - Upper Northeast Bldg.
8:30 AM - Junior Market Swine Classes - Small Arena
8:30 AM-7 PM - Family Living and Agricultural Learning Center Demonstrations - Upper Northeast Bldg.
9 AM - 8 PM - Shaver's Creek Environmental Center - Upper Northeast Bldg.
9 AM - 4-H Potato Grading & Identification - Meeting Room, Second Floor
9 AM - Judging: Carcass Lamb On-Rail (off-site)
9:30 AM - Dairy Cattle Judging: Holstein - Large Arena
11 AM - Dairy Cattle Judging: Brown Swiss & Jersey - Large Arena

1998 Pennsylvania State Farm Show

Visitors Information

	Show Hours	Main Floor Exhibits
Jan. 10	8 a.m.-9 p.m.	9 a.m.-8 p.m.
Jan. 11	8 a.m.-9 p.m.	9 a.m.-8 p.m.
Jan. 12	8 a.m.-9 p.m.	9 a.m.-8 p.m.
Jan. 13	8 a.m.-9 p.m.	9 a.m.-8 p.m.
Jan. 14	8 a.m.-9 p.m.	9 a.m.-8 p.m.
Jan. 15	8 a.m.-4 p.m.	9 a.m.-4 p.m.

11 AM - Cooking Demonstration - West Lobby
1 PM - Cooking Demonstration - West Lobby
1-3 PM - Meet the Grower - East Lobby
2:30 PM - Supreme Champion of Dairy Breeds, followed by Junior Dairy Cattle Showmanship - Large Arena
2:45 PM - Grand Champion Junior Market Swine - Small Arena
3 PM - Cooking Demonstration - West Lobby
4:30 PM - Championship Horse Pulling Contest (in order): Lightweight Horse Pulling, 6-Horse Hitch & Heavyweight Horse Pulling - Large Arena
5 PM - Cooking Demonstration - West Lobby

Wednesday, January 14
Youth Day

8 AM-9 PM - See List of Daily Attractions - Entire Complex
8 AM - Junior Market Lamb Classes - Small Arena
8 AM-11 AM - Vo-Ag School Demonstrations - Upper Northeast Bldg.
8:30 AM - Junior Beef Breeding Cattle (in order): Angus, Charolais, Chianina, Limousin, Hereford, Shorthorn & Simmental - Large Arena

(Turn to Page B21)

Meetings During Farm Show Week

	Saturday, January 10	
2 pm	PA Draft Horse and Mule Association	Room E
	Sunday, January 11	
10 am	Non-Denominational Worship Service	Rooms B-E
1 pm	PA Suffolk Association	Room E
1 30 pm	PA Junior Angus Association	Room C
1 30 pm	PA Ladies Angus Auxiliary	Room B
	Monday, January 12	
8 30 am	FFA	Rooms C-D
12 noon	PA Ag Democrats	Room E
1 pm	State Grange	Room B
3 pm	PA Ag Republicans	Room B
3 pm	4-H Potato Judging Contest	Room E
	Tuesday, January 13	
8 am	4-H Potatoe Judging Contest	Room E
9 am	PA Milk Juggers Association	Room C
10 am	State Plowing Contest	Room D
10 am	PA Flying Farmers	Room B
1 pm	Horse Pullers	Room B
2 pm	PA Ayrshire Breeders	Room D
6 pm	Cooperative Potato Growers Banquet	Sheraton Hbg East
	Wednesday, January 14	
8 am	PA Farmers Union	Room C
9 am	PA Nut Growers	Room B
1 pm	PA Maple Syrup Association	Room D
1 pm	PA Master Corn Growers Association	Room E
2 pm	Keystone Pony Pullers	Room C
4 pm	Farm Show Scholarship Foundation	Room B

Meetings Scheduled At The Farm Show

Time	Saturday Jan. 10	Sunday Jan. 11	Monday Jan. 12	Tuesday Jan. 13	Wednesday Jan. 14	Thursday Jan. 15
9 A M	International Day, Rooms B & C		8 30 FFA Rooms C-D	8 a.m , 4-H Potato Judging Contest-Room E PA Milk Juggers Assn -Room C	8 a.m PA Farmers Union-Room C PA Nut Growers-Room B	
10 A M.		Non Denominational Worship Service-Room B-E.		State Plowing Contest-Room D, PA Flying Farmers-Room B		
11 A M						
Noon			PA Ag Democrats-Room E			
1 P M		PA Suffolk Assn -Room E 1 30 PA Junior Angus Assn -Room C, PA Ladies Angus Auxiliary-Room B	State Grange-Room B	Horse Pullers-Room B	PA Maple Syrup Assn -Room D; 1.30 PA Master Corn Growers-Room E	
2 P.M	PA Draft Horse & Mule Assn-Room E			Pa Ayrshire Breeders-Room D	Keystone Pony Pullers-Room C	
3 P.M			PA Ag Republicans-Room B, 4-H Potato Judging Contest-Room E	Pa. Equine Council-Room B		
4 P.M.					Farm Show Scholarship Foundation-Room B	
5 P M	Friday Jan. 9					
6 P.M	10 a m Dairy Herd Assn -Room E Farm Show/ International Day Dinner Harrisburg Hilton		Reception/Dinner, Pa Dairymens Assn., Harrisburg Sheraton East.	Cooperative Potato Growers Banquet-Sheraton, Hbg E		
7 P M						

NOTE: Meeting rooms B, C, D, & E are in the Farm Show building on the second floor over the main lobby.

Champion Awards, Sales

(Schedules)

SCHEDULE FOR SUPREME CHAMPION AWARDS

Saturday	9:30 A.M., Swine	Small Arena
Sunday	11.00 A.M., Draft Horse	Large Arena
Sunday	6:00 P.M., Sheep, Meat Breeds	Small Arena
Monday	2:30 P.M., Beef	Large Arena
Tuesday	2:30 P.M., Dairy	Large Arena
Wednesday	8:00 P.M., Sheep, Wool Breeds	Small Arena

JUNIOR LIVESTOCK CHAMPION AWARDS

Tuesday	2:45 P.M., Junior Market Swine	Small Arena
Wednesday	11:00 A.M., Junior Market Lamb	Small Arena
Wednesday	3:15 P.M., Junior Market Steer	Large Arena

SALE SCHEDULE

Saturday	10:00 A.M., Bred Gilt Sale	Small Arena
Saturday	5:00 P.M., Rabbit Auction	Small Arena
Thursday	9:00 A.M., Sale Of Champions	Small Arena
Thursday	10:15 A.M., Jr. Market Steers	Small Arena
Thursday	11:30 A.M., Jr. Market Swine	Small Arena
Thursday	1:30 P.M., Jr. Market Lambs	Small Arena

(Continued from Page B20)

8:30 AM-7 PM - Family Living and Agricultural Learning Center Demonstrations - Upper Northeast Bldg.
9 AM-8 PM - Shaver's Creek Environmental Center - Upper Northeast Bldg.
11 AM - Cooking Demonstration - West Lobby Small Arena
11 AM - Grand Champion Junior Market Lamb
11:15 AM - Junior Sheep Breeding Classes (order will be posted), followed by Junior Lamb Showmanship
12 noon - Junior Beef Steer Classes - Large Arena
1 PM - Cooking Demonstration - West Lobby
1-3 PM - Meet the Grower - East Lobby
3 PM - Cooking Demonstration - West Lobby
3:15 PM - Grand Champion Steer - Large Arena
3:45 PM - Junior Beef Showmanship Contest - Large Arena
4 PM - Sheep Judging (in order): Rambouillet, Corriedale & Merino - Small Arena
5 PM - Cooking Demonstration - West Lobby
6 PM - State Championship Pony Pulling Contest (in order): Lightweight, Mediumweight & Heavyweight Divisions - Large Arena
6 PM - Pennsylvania Auctioneer's Association Bid Calling Contest - Upper Northeast Bldg.
8 PM - Sheep Supreme Champion of Wool Breeds - Small Arena

Thursday, January 15
Sale of Champions Day

8 AM-4 PM - See List of Daily Attractions - Entire Complex
8 AM - PA Farm Show Scholarship Foundation Awards
8:30 AM - Dairy Goat Judging (in order): Alpine, LaMancha, Nubian, Toggenburg, & Other Purebreds, Recorded grades & Best Doe of Show - Large Arena
8:30 AM-noon - Family Living and Agricultural Learning Center Demonstrations - Upper Northeast Bldg.
9 AM-4 PM - Shaver's Creek Environmental Center - Upper Northeast Bldg.
9 AM - Sale of Champions - Small Arena
10 AM - Junior Market Goat Show - Large Arena
10:15 AM - Junior Steer Sale - Small Arena
11:30 AM - Junior Market Swine Sale - Small Arena
1:30 PM - Junior Market Lamb Sale - Small Arena
4 PM - 1998 Farm Show Ends

MAILBOX MARKET
FOR SALE

Log splitter, 5' Rotiller, hand tamper Ford Automatic transmission and transfer-er CASE Vermont wood stove 717-369-4559 Franklin Co.

Knight 350 manure spreader, top-beater, double web tandem axles $2600 OBO Nice shape 717-665-7367 Lancaster Co.

'85 Dodge, crew cab pickup, automatic, 87,000 miles, new inspection, good condition. $3950. 717-838-6985 Leb. Co.

Fireplace insert with glass doors - $200 OBO IH axle dual hubs 9-bolt for 1466 - $100 OBO. 301-733-2493 Wash Co , MD

Hospital bed, hand-crank, no mattress - $50. Westinghouse dryer, works good - $100. Sears treadmill, older style - $50. Lve mssg 610-998-0168 Chester Co.

Case 430 loader tractor rebuilt motor, rebuilt hydraulic pump,. very good rubber, runs great, very reliable $4,500 OBO. Berks Co. 610-488-0736

Labrador puppies, yellow AKC shots and wormed Seven females, one male, farm raised, also breeding services available. York Co. 717-244-9369

Airplane banks #1 Texaco, & J.D. $200 each (NIB), Hess training van, mint $200., Precision A w/cult. (NIB) $275. & others. Evenings, Cumb Co. 717-776-5011

200+ RFV Western Alf 4x4x8 bales $220, direct from grower, semi loads or picked up here. 273 NH baler, good shape Chester Co. Omar S Kauffman, 1624 Cambridge Rd , Honeybrook, PA 19344.

1929 Ford Roadster, glass body, 2.3 Pinto, mild cam, header, 3 speed W/CD, IFS, Ford rear, rumble seat. $16,900. Lanc. Co. 717-299-4439

Oliver 550 tractor, gas $3,800. 717-866-6390, ext. 384. Leb. Co.

Liquid rubber, waterproof everything - roofs, equipment, pickup beds, concrete, tanks, pond liners, RV's, foundations, silos, sewage, metal buildings. Lehigh Co. 610-767-6065

Ford #7308 loader; Betco 6' - finish mower, 5' 3 pt. rototiller; Ford #914 - #914A mid-finish mower, 6-8' box scraper: evenings, Wyo. Co. 717-836-4199

INT2250 manure bucket with tines, like new - $425. Chevette 4sp. transmission, good - $25. (5)27 3/4x55 1/2 aluminum storm windows + (2) doors - $5/ea. After 5 610-286-5434 Berks Co

Two draft ponies, geldings, ride, drive, logging. Kid-safe. $500/ea OBO. Two sets double work harness - $150/ea. 610-298-2522 Lehigh Co.

1967 Olds 88 conv. 1958, 1959, 1960 Glaxie 500XL 302, Auto, Air, 2 dr.h.t. 610-298-2405 Lehigh Co.

Flooring, wide plank ash, oak 7-10" wide, T&G, KD, 10" SL pine 11-13' long, 5" T&G pine panel. 610-565-6038 Del. Co.

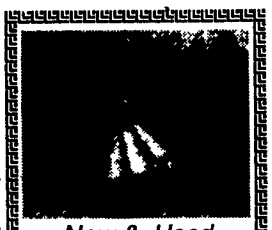
Banjo, antique open-back banjo in good playable condition - $200. Phone 610-565-1444 Del. Co.

Penn-Bell aluminum pickup topper, line, screen windows Full rear panel with 38"x31" door. 8'x6'x32". Good condition $50. 610-857-1596 Chester Co.

1978 Toyota Landcruiser, 4x4,52K, soft-top, winch little rust - $1200. 1981 Dodge pickup, 2wd, 6cyl., 138K, exc. - $1500. 610-286-8839 Chester Co.

AKC mini poodle, Apricot male; small; 8-10 pounds, proven, born 10/24/91. 9 month Dalmation female, very nice. 717-442-4041 Lancaster Co.

IH 674, good tractor, AC 312 plow mower deck, two row INT cultivator, fast hitch, mixed hay 717-484-1116 Lancaster Co.



New & Used
Wind Mills
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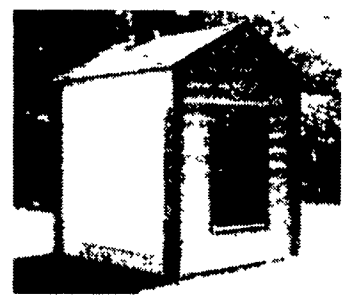

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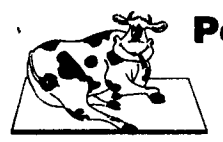

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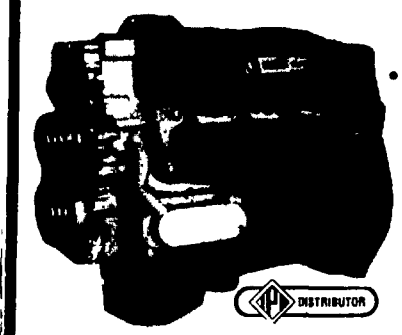

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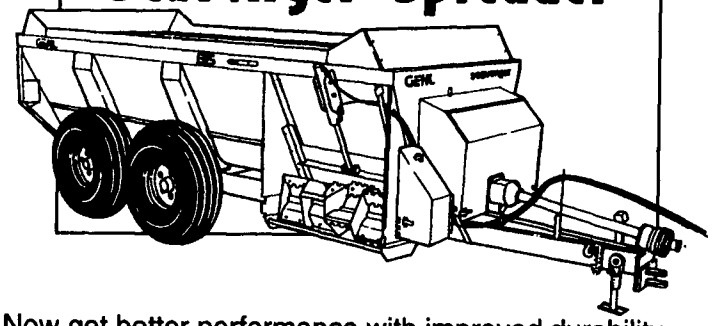

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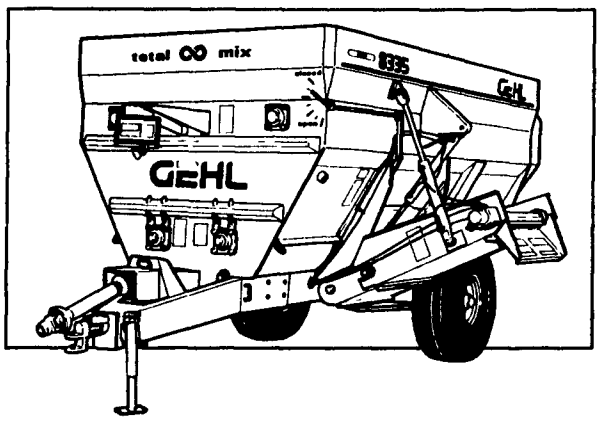

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RR 02, Box 24A
New Ringgold, PA

GUTSHALLS, INC.
RD 2 Rte. 850W
Loysville, PA
and
1201 Spring Rd.
Carlisle, PA

HINES EQUIPMENT
PO Box 5, Rt. 22
Cresson, PA
RR 03, Box 550, Altoona
(Bellwood)

ICKES FARM SUPPLY
Rt. 1 Hwy. 869 West
Osterburg, PA

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St.
Richland, PA

LEHIGH AG EQ. INC.
6670 Ruppsville Rd.
Allentown, PA 18106

LINCOLN SUPPLY CO.
Rt. #2, Box 217A
Somerset, PA

MILLER EQUIPMENT CO.
RR 01 Stauffer Rd.
Bechtelsville, PA

MILLER-LAKE
RR 02, Box 273A
Belleville, PA

PEOPLE'S SALES & SERVICE, INC.
Route 35
Oakland Mills, PA

STOUFFER BROS. INC.
1066 Lincoln Way West
Chambersburg, PA

TOM DUNLAP
Rt. 220-Main St.
Jersey Shore, PA

UMBERGER'S OF FONTANA
RR 04 (Fontana)
Lebanon, PA

WERTZ FARM EQUIP.
4132 Main St.
Lineboro, MD

SAVE $ Free Catalog
Quality Products
Forage Knives
Barn Fans
Tunnel Vent. Fans
Trailer Hitches
740 Cushion Hitches
Weaver Distributing
1 800 Weaver D
1 800 932 8373
Fax
1 800 Fax to WD
1 800 329 8693
RD 2 Fredericksburg, PA 17026

MAILBOX MARKET FOR SALE

"L" shaped 3pt carrier, heavy duty, with removable sides, good for hauling wood - $125 OBO. Lehigh City 610-799-2536

Coleman generator 4000 watt homelite 360 chain saw, both very good. New heater cab for older John Deere. 607-583-2222 Steuben Co., NY

Tufline disc, model Hw940, 15 1/2' hydraulic wing fold, 22" blades, 11 1/2' transport width, very good condition. $2500 610-759-6039 Northampton Co

Large buttering kettle with stove-other kettles-large copper kettle, oak walnut furniture-other antiques-wagons/carts/harnesses 301-845-8650 Fred. Co

Honda generator/welder model EW171, like new with cables - $1050 Will deliver to New Holland 908-534-4294 Hunterdon Co , NJ

Belt driven hammermill - $75. Wood bros picker - $50 NH 404 hay crusher - $125 Lime spreader on wooden wheels. 717-896-3432 Dauphin Co.

Assorted produce crates and boxes, also hand and pneumatic box staplers, BO 410-592-5718 Balto Co., MD

Surge 1200 gal. tank with 2-3hp compressors 2" boumatic s/s pipeline with six units 5hp vac pump. 717-838-9043 Leb. Co.

1 1/2" glass Delaval pipeline with receiver jar. No reasonable offer refused or will sell for parts 717-354-6007 Lanc Co

Used pressure treated lumber, (40) 2x4x12' - $2 50/ea. (7) 2x6x12' - $4 50 (7) 4x4x8' - $4.50 (30) 4x4x10 1/2'-11 1/2' - $7.50 717-445-9373 Lanc Co.

Used mennonite 1 1/2 seat carriage, brown interior, fiberglass body, decent condition. Rubber rimmed wheels 717-445-08718

Gas stove Hardwick Century II, great condition - $30 You pick-up, leave message-we'll answer. 610-838-5312 Lehigh Co.

Taylorway XHD 12' offset disc 28" disc - $4100 Moisture tester - $75 AC600 corn planter - $750. 410-836-1722 Harford Co., MD

Piggs feeders, ready to go Goats, all ages, breeds, 3 billies, pure Sannon - half boar - mixed. Call evenings 610-932-8613 Chester Co

12 year old Saddlebred, good for pleasure or older people. Traffic safe, sound. After 6:30 p.m. $1000 610-384-4611 Chester Co.

John Deere 336W baler with no 30 thrower, ready to work. $2500 OBO 717-398-1163 Lycoming Co.

Compressor frames w/wheels, hitch make small trailer, 275gal. gas tank shid type, 1.5" impact gun, box copper nails. 610-865-4635 Northampton Co.

Hog floor wire, 5'x7', like new, 5/16", 16 pieces - $50/each. 717-933-5529 Berks Co.

J D Rollguard with roof, for #850,#950;#1050 - $200 #5000 Ford tractor, diesel, A1 shape, new tires - $5600 717-642-5285 Adams Co

8 yr old Standardbred driving horse - $700. Safe and Sound. 610-286-9176 Lanc. Co

Approx - 100 bean bushels, 100 round bottom bushels, some lids (50)1 1/9 bushel crates - $125 B/O. 610-998-0168 Chester Co.

84 Yamaha Trymoto 125, three wheeler, good condition. 610-326-7640 Montg. Co.

Gem PAC stove in good condition. Aaron Fisher, 851 Telegraph Rd., Coatesville, PA 19320 Chester Co.

3pt weed sprayer with 30' boom, also IH loader with 7' bucket and hyd controls. 717-682-3484 Sch Co

1960 Chevy #50 V-8, 4sp , 2sp. rear. Runs good 12ft box. $350 J.D. 6600 staw chopper, good. $150. 717-508-0491 Union Co.

Ruger SS, 44 - $400 Dixe .32, MTRFL - $400. navy Arms Zoave - $550. Austrian Lorenz CW - $400. Other rifles. 610-847-5627 Bucks Co , NJ

John Deere sprayer, 500 gallon, 40ft boom, also used 18x4x30 tractor tire, 1/2 tread 717-463-3466 Juniata Co

Open front carriage with hydraulic brakes - $750. Contact David Smoke, 701 Stracks Dam Rd , Myerstown, PA 17067 Leb Co

1995 Corn pro, 12ft., stock trailer, rubber mat, plywood lined, new condition - $2900 717-328-5713 Frank Co.

Operators Manual Farmall H serviceman's guide Farmall H I&T Shop Manual IH-8 for Farmall H, etc - all $35 717-865-0045 Leb Co

NI323 picker, late style, nice - $1400 OBO 717-543-6475 Mifflin Co

Carriage harness, yearling hen, 2-horse hitch, fore cart, oil hot water furnace Best Offer Old buggy wheels. 717-530-5813 Frank Co.

Horse For Sale - $500. 3 years old, Appaloosa stallion, not broken. Call eves after 6 p.m. 610-562-9541 Berks Co.

Cut your own seasoned firewood- oak, ash, hickory. By the cord. B O. Lester F Moyer, Womelsdorf, PA 610-589-2406 Berks Co.

50hp, elec motor, 3-phase, 220-440V sealed, explosion proof, very good condition - $250. 717-366-1227 Schuylkill Co.

2 Butchering tables, 1 cracked - $80 for both Snow plow for small tractor - $65. Feed chute - $50 610-454-0139 Montg. Co.

9 hyd cyl , various sizes, double-acting - $200 for all. Trademan 14in bandsaw, floor model - $300. Floor model drill press - $75 717-445-9924 Lanc. Co.

MAILBOX MARKET WANTED

Beech tree, purple leaf. 610-433-8569 Lehigh Co Rim for Massey Ferguson, 12x28 or 13x28 power adjust. Twelve or 14 foot stock trailer, bumper pull 610-678-9326 Berks Co.

IH Cub Cadet lawn tractor, was painted red, white, blue. Also creeper drive original Cub Cadet wanted 717-949-2354 Leb Co-

Haybine NH or IH, 7ft or 9ft If need minor repair would be ok 469 or 990 etc. 717-444-3748 Juniata Co.

Flywheel for an old hand cranked post drill press 16-18in. diameter. Call Greg, after 7 p.m 610-683-6756 Berks Co.

To buy super 670 "G" Minnalps moline tractor. Must be good. 6-8 p.m. 540-249-5130 Rockingham Co., VA

Railroad memorabilia. Steam whitsle, bells, horns, signs, lanterns, most anything from steam & diesel engines 412-947-2606 Washington Co.

Railroad Ray seeks old toy trains made before 1950 Also Lackawanna (D L &W.) railroad items. Search your attic/barn. 973-361-8568 Morris Co., NJ

Single or double pole Federal Pacific breakers, also Ford compact tractor with loader, 3 pth, pto, 1700 or smaller. 717-386-2787 Schuylkill Co

Someone to haul 2 tractors, manure spreader, blaer & corn planter to central W.V. approx. 410 miles. Leave price and date avail. at 610-326-3168

Fordson Super Major for parts, need not run. Sale - 8 ft. Ford jackey bed - year 1980-86, no tail gate - $70. 610-269-3442 Chester Co.

Chicken brooder house, or shed suitable for chickens. Write price/condition - Melvin King, 2687 Stumptown Rd., Bird-In-Hand, PA 17505 Lancaster Co.

Snow blower attachment for G E. electric tractor. 610-777-5254 Chester Co.

Case 1150B or later dozer with 6-way blade. Willing to do some repair but no junk. 804-352-5637 Appomattox Co., VA

5 5/8 bow matic stainless steel milker claws with valve, must be usable. 717-336-6537 Lanc. Co.

John Deere 140, lawn tractor in need of repair. Write: Box 53, Middleburg, PA 17842 Snyder Co.

Farm Bell in good condition, reasonable. 610-584-6975 Central Montg. Co

Hostetler riding plow or any horsedrawn riding plow Contact Jacob Stauffer, R.D.#1, Box 680, Port Trevorton, PA 17864 Snyder Co.

Swinging draw bar for Ford 2000 (under the belly.) Call or write: 610-691-3505 or 1755 Stoke Park Rd., Bethlehem, PA 18017 Northamp. Co.

The Russell Hawkins
"Vinecrest Farms"
Vineyard Equipment Auction at Naples, New York Has Been
Rescheduled to
Jan. 10, 1998 @ 11:00 A.M.
Pirrung Auctioneers, Inc.
Wayland, New York
716-728-2520

GLADES Auction Co.

Personal Property of Ross & Ellen S. Fetrow
(former owners of Woodside Store of Newberrytown)
Sale on Mon., Jan. 12, 1998 at 5:00 p.m.
ANTIQUES
To be held at Glades Auction,
3409 Druck Valley Road, York, PA

From I-83, exit 11 Emigsville, turn left at light, go to second red light, turn right, go to next red light, turn left, go to stop sign, turn left on Rt. 24S, turn right 1/4 miles Rt 24S, turn left on Druck Valley Road or off of Rt. 30 Mt. Zion Road Rt. 24N, go to Druck Valley Road, turn right to Glades Auction.

Coverlet (Dated 1836, Martin Hoke in Dover, JE Boyer); 5 leg mahogany table, turned leg w/6 chairs; ornate claw foot wall table; 5 pc. burled walnut dining room set; walnut round table; marble top table; claw foot round oak table with boards & 5 chairs; curly maple dresser, "The First Letter" 1880 picture; PA Railroad picture; Fetrow's Store pictures; reverse painting; 50" oak S roll top desk; 2 pc. cherry display cabinet; soft wood cabinet; dove tailed blanket chest; blanket chest, miniature blanket chest; cane chairs; cane rocker; vintage baby carriage; buggy (needs repairs); floor model radio, thread box; wooden washing machine & ringer; cast iron irons; cast iron pcs.; candy scales, lanterns; wooden boxes; collection of 25 pocketknife sets in boxes (Case, Remington, Bokar, etc); Remington Boy Scout hunting knife; decorated crocks; decorated jugs; 10 gal New Geneva PA decorated crock, crocks; jugs; 12 Hires Root Beer mugs; Planters Peanuts jars; York adv. tins; tins; York Brewing Co bottles; candy jars, Civil War fold up eating utensil set, Dionne 5 spoons, knives, forks; baskets, picnic basket & dishes (new old stock); dishes; glassware, tobacco molds, figurines; Kleenex dispenser; LaFrance snuff dispensers; wooden mechanic sign; adv sign, Marx Service Center; York Haven Bank banks, Fetrow's Store adv. fans, York postcards; postcards, trading cards; Christmas & birthday albums; Avon bottles; adv. pins; 3 watches (1 key wound); coin changer; vintage clothing; pocketbooks; umbrellas; plus many more antiques.

Preview on Sunday, January 11, 6-8 p.m.
Glades Auction Co , #AY000089-L, Phone 717-757-3532
Bob Sholly, Phone 717-938-2960
Next sale on Monday, January 19 at 5:00

PUBLIC AUCTION

Sat., Jan. 17, 1998 at 10:00 AM
To be held in our yard, Rt. 38 & 38B, Newark Valley, NY
(19 miles West of Binghamton, NY)
Tractors, Construction, Farm Machinery, Salvage Row, New Implements, Complete Line, & more.
Watch next week's paper.
Sale by:
GOODRICH AUCTION SERVICE INC.
Rt. 38 & 38B
Neward Valley, NY 13811
607-642-3293 (Fax: 3295)

CONSIGNMENT AUCTION

WINROSS, ERTL, HESS TRUCKS, MISC. NASCAR ITEMS, AND MISC. TOYS

WED., JAN. 7, 1998 - 6:30 P.M.

LOCATED AT A&C DIFFENBACH AUCTION INC., 100 W. JACKSON ST., NEW HOLLAND, PA 17557

AUCTION HELD 1ST WEDNESDAY OF EVERY MONTH

NOTE: Consignments are Welcome! Call 355-7253

RECEIVING TIME - MON. THRU FRI. - 8 A.M. TO 4 P.M. AT THE AUCTION CENTER.

TRUCK SALE WILL BEGIN AT 6:30

A. & C. DIFFENBACH AUCTION INC.
100 W. Jackson St., P.O. Box 186
New Holland, PA 17557
(717) 355-7253
Fax #355-9547 Alan Diffenbach Auct. - AU2258-L

PUBLIC AUCTION

Tuesday, February 3, 1998
Mules, Farm Equipment, Antiques

9:00 A.M. 9:00 A.M.

Directions: Sale to be held at Christ B. Stoltzfus farm. From Green Tree, take Valley Road East to 1st stop sign, turn right (White Oak Road). Go through underpass, 1st lane right. From Gap take 41 South to 372 West, go to White Oak Road, turn left to sale on right.

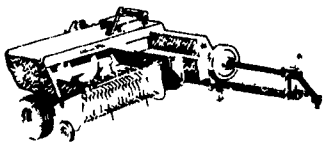
3 MULES 3

8 Yr. Old, 10 Yr. Old, and 11 Yr. Old. 17 Plus Hands, Mules Broke to all Farm Machinery.

HORSE RELATED ITEMS: 8 Sets Front Gears, Collars, 8 Bridles, 2 Driving Harness, Check Lines, Jockey Sticks, 2, 3, 4, 5 & 6 Horse Hitches, 4 Sets Rope and Pully Tandem Hitch, Backers.

MILKING EQUIPMENT: 1 DeLaval Milker with Westfalia Claw and 55 lb. Bucket, 4 Unit Milker Washer, Dumping Station, Dumping Station Hose Dryer, Electric Milk Anti Biotic Tester, Hanson Dairy Scales, Cow Chains, Milk House Supplies, Cow Foot Bath.

BUILDING SUPPLIES: 15 Sheets 4x8 Plywood.



FARM EQUIPMENT: 8520 Case Baler with 2 Cylinder Kohler Engine (good condition), International 806 Diesel Tractor on Steel with 1000 or 540 R.P.M., New Holland 456 Mower with Kawasaki FE 290 Engine and Hydraulic (like new), New Holland Bale Thrower with Hydraulic Swivel, New Holland 310 Baler with Wisconsin Engine, Groffdale 6 Ft. Rotary Mower with Kohler Engine, New Holland 401 Crimper with Kawasaki K.F. 150 Engine, Pequea Tedder with 10 H.P. Kawasaki Engine, Kuhn Rake with F. A210 Kawasaki Engine, 3-16 Ft. Flat Wagons, Cunningham Crimper wtih 20 H.P. Kawasaki Engine, 450 John Deere Sickle Bar Mower with K.F. 82 Kawasaki Engine and Hydraulics, 2-24 Ft. New Holland Elevators, Trailer Type Round Bale Wrapper, 3 Point Bale Wrapper and bale Mover, 3 Point Ford Sickle Bar Mower, 6 Bale Bale Carrier, Allis Chalmers 4 Row Corn Planter with John Deere Plateless Hoppers, 2 Row Allis Chalmers Corn Planter, 300 Gal. Century Field Sprayer with 5 H.P. Briggs & Stratton Engine and Pump with 28 Ft. Booms, 9 Ft. Brillion Seeder, White Horse 2 Bottom Plow, White Horse 1 Bottom 2-Way Plow, Motor Lift Crane, I&J 2 Row Cultivator (like new), 1 Row New Idea Transplanter, Bartville Auto Fore Cart with Brakes (like new), Pequea Manure Spreader with Tail Gate, 323 New Idea Corn Picker, 3 Point Scraper Blade, Fore Carts, E.L.S. Liquid Manure Spreader, 20 Blade John Deere Disc., 2-Little Britain 3 Section Spring Tooth Harrows (good condition), McCormick Deering 1 Row Corn Binder with Long Loader & 8 H.P. Kawasaki Engine & Hydraulics, 24 K.B.A. Disc (good condition), 8 Ft. Roller, 2-9 Ft. Rollers, 2-McCormick Deering 1 Row Cultivators, Corn Hopper & Table for John Deere 38 Harvester, 9 Ft. Wooden Drag, Portable Cement Mixer, Diamond Plate Steel Wheel Tractor Rim, 28 Ft. Manure Elevator, 275 Gal. Oil Tank, 2-12 Volt Gandy Applicators, Solo Sprayer, Electric Silo Distributor, Steel Wheels for Minnapoli Mobine U.M.5, International 56 Blower, Portable Barn Fan, 50 Gal. Wood Preserver, 3 Compartment Tobacco Bale Box, 5000 Tobacco Lath, Dog Kennel with Run.

MISC. ITEMS: 3000 P.S.I. Van Guard Pressure Washer with 8.5 H.P. Engine, 18 In. Band Saw with Hydraulic Motor (like new), Table Saw, Homelite Circular Saw, Shop Press, Chain Hoist, 3-Electric Circular Saws, Honda Roto Tiller (like new), 3 Section Gang Mower, Ramser Nail Gun, 180 Amp Lincoln Welder, McCulloch Weed Eater, Cyclone Seeder, 2 Garden Planters, Acetylene Torch Hose Set, Welding Helmet, 4 Electric Barn Fans, Barn Desk, Gates, 2 Round Bale Feeders, Come-A-Long, Hot-Line Fences, Par Mak Fencer, Extension Cords, Electric Drills, Electric Heaters, Fence Posts, Poly Wire, Water Bowls, Wheelbarrows, 2-Grain Carts, Silage Cart, Brooms, Forks, Barn Supplies.

ANTIQUES & MISC.: Electric Freezer and Refrigerator, 2-2 Man Cross Cut Saws, Cast Iron Kettle on Tripod, Old Hay Hook, Straw Knife, Potato Fork, Barrel Stove, 3 Kerosene Heaters, Shuffle Board, Wash Bowls, Dehumidifer, 350 Peach Baskets, Old Doors, Windows, 1 Hole Corn Sheller.

Terms by:
JOHN F. & EMMA F. STOLTZFUS
966 White Oak Road, Christiana, PA 17509

Cash or Honorable PA Checks Only
All Announcements Sale Day Take Precedence Over All Advertising.
Not Responsible for Accidents
Food on Premises
Auctioneer: Mel Hoover AU-003111-L
717-354-8397 Home or 717-354-6431 Barn

MAILBOX MARKET
WANTED

Fuel injectors - for J.D. 2010, 4 cyl., diesel, old style fuel line on end. 814-667-3668 Huntingdon Co.

Pre 1960 issues of Rodales Organic Gardening Magazine. 410-343-2312 Baltimore Co., MD

Wanted: used livestock panels, large quantities needed. Willing to travel to purchase. Ask for Paul or Bill. 609-678-8158 Salem Co., NJ

Dogor pup, BlueHeeler, bloodhound oroth. type goodfor trailing, info.on bloodhound,are theygood family/watch dog? or Elkhound&kittens. 610-593-1140 Lanc. Co.

To prices paid for old cigar box labels Write Cigar Labels, 264 Forge Hill Rd., Wrightsville, PA 17368. York Co. 717-252-2023

Quick attached front end loader model 415 compact for AC 5015 or Simplicity 9518. Call after 7 pm. North'd Co. 717-286-7046

Cast iron base board heat, prefer 9". Lanc. Co. 717-529-2916

Need timing light for 1940's "Sun" tune-up machine (red bakeilite), also old magneto testing machine, 1930's "Winfield" carbs. Berks Co. 610-670-9544

Iron corn shellers wanted: box mounted, table mounted, hand held, floor models, for collection. Write Robert Rauhauser, Box 766, Thomasville, PA 17364-9622

Millstone 48" can be in two halves, top price paid. 717-626-6059 Lanc. Co.

Draft control unit for a Valley Forge wood stove. New, used, or someone to rebuild them. 215-822-7124 Montg. Co.

Red sandstone steps, 4ft. long or longer, 12" wide, will pay premium dollars. 717-354-3130 Lanc. Co.

Flywheel wrench for JD-3 1 1/16", good condition and reasonable. 717-776-4971 Cumberland Co.

20qt. White Mountain ice cream freezer. 717-445-6342 Lanc. Co.

Small two-horse trailer. Would like two axel, 3,000 lb. Call after 4 pm. No Saturdays. 610-926-2275 Berks Co.

13.9x36 6-ply tire and wheel for J.D.2010 Must be good condition. 6:00x14" 3-rib, 6-ply. 610-593-6484 Chester Co.

Trade, swap, sell 6-horse GMC van 5&2, No CDL, good shape, $13,000 for pick-up stake flat body 4x4 of equal valve and/or money. Chester CO. 610-734-1298

Any crane, esp. TD9 & TD9 crawlers & acces., wheat binder, cream separator, air or propane tank, Ditch-Witch, EMR meter (all any cond.) Lanc. Co. 717-661-5954

Detroit 4/53 part or whole - Continental model 162 sale - like new, Detroit 4/71 with clutch, not rebuilt, 198 hrs $4100. Cambria Co. 814-472-9348

JD 350 w/loader or equiv.: spitting saw for cutting down beef. Must be reasonably priced. Call, leave message Hunt. Co 814-627-5149

Patz left barn cleaner unit, also FOR SALE 1987 Chevy pickup 3/4 ton 4x4 4 spd, 87 miles $4,500 obo. Berks Co. 610-683-7993

Need deck for JD 110, 38" wide with 3 blades, must be in good condition and reasonable price. Cumb. Co. 717-776-4971

Used propane ag. heater, 60,000 BTU in working cond. Call after 6 p.m. Lanc. Co. 717-354-2720

Steel wheels 16" w or wider, 54" H, overhead doors 1 - 13'-14'H, 16'-18'W, 1 - 16'W x 11'-12' H. Lanc. Co. 717-733-7420

Waxer and drye for apple grader, Adams Co. 717-642-5230

Wanted: Used and abused pedal tractors or will restore for you. Ernest Lefever. Lanc. Co. 717-872-5144

Cushman scooter, any cond., parts or complete, also. Rokon cycle or any compact or fold up scooter, etc. 717-245-9583 Cumb. Co.

4x6x10' post horse stall section, board, shoes, train to ride/drive, single or double. 717-442-9432 Ivan Petersheim, Gap. Lanc Co., PA

Barrells stainless steel 60 gal+. Tarara Farm, 13648 Tarara Lane, Leesburg, VA 20176. 703-771-7100

John Deere 420C tractor with or without dozer blade. Will also consider get D-2 or D-4. Hunt. Co., NJ 908-852-6372

MAILBOX MARKET
NOTICE

New 6 cyl Cummings diesel at auction 12/29/97, snow date 1/3/98. 18' car skid loader trailer, 5 steel bar truss 29', 30 T. digital scales, rustic 2x12x20, phone poles, 7 S. Kinzer Rd., Lanc Co. 610-593-1140

Ultimate cooking library, 9 vol , looseleaf format. Under 4¢/recipe. Free details SASE. Jerry Miller, 257 West Wind Road, Friedens, PA 15541

Atlantic City bus trips, last Sunday every month, expect Jan. special night trip Sat.Jan.24th For details call Jodi. 717-244-7900 York Co

FREE: 2 calico barn cats, good mousers, born spring 1997. 610-756-6541, Lehigh Co.

Notice: Public sale of all rental equipment off old water works, gen rentals. Danville. 717-275-6803 Montour Co.

Experienced bookkeeper with references, will keep your books, reconcile bank statements, monthly reports, depreciation schedules, farms or businesses. 717-548-4144 Lancaster Co.

Lost: Blue Heeler dog, female, gray w/1 blk mask, 12/21, med. size & her blk pup, maybe wht throat. Henry F. Stoltzfus, 613 Nolbe Rd., Christiana, PA 17509 Lancaster Co.

Corn silage, one ton minimum, Sale County, New Jersy, (609)769-0187, (609)769-4086 Save this ad.

Old John Deere manure spreader, sold in the spring. Man never came for it - Why? 717-259-0300 York Co

PUBLIC AUCTION

Indian Artifacts & Bottles From Berks & Other Counties, Beer Items, Glass & China, Hot Wheels, Large Collection of Milk & Early Bottles, Old Ice Cream Parlor Set, & Tools

Monday, January 5, 1998 at 4:00

LOCATED: Indoors at the Leesport Farmer's Market Banquet Hall just off Rt 61 at the North end of Leesport, Berks Co , PA

ARTIFACTS: Approx 10 frames spear heads, jasper Perkiomen broad ax, banner stone, ax cell, mortar & pestal, 1920 Navaho saw tooth blanket plus many more pcs

APPROX. 100 OLD BOTTLES: Bitters, green pontel flask, colored sodas, nursers, plus many Reading & Schuylkill Co bottles

(50+) MILK BOTTLES: Schaeffer - Fleetwood, Zwoyer - Reading, baby face, plus many local, & rare bottles from Berks & Schuylkill Co

COLLECTIBLES: Glassware Depression - cut - pressed, carnival, mini, ironstone china, old postcards, redware, spatter, Moca, Bennington Transfers, crocks & jugs, Coca Cola items, marbles, toys & games, swirl blue agate coffee pot, braided rugs, powder horn, lead soldiers, collector plates, clay pipes, C I deer bank, sm C I pot belly stoves, fancy claw ft. marble ice cream parlor set with 4-chairs, beer advertising items Sunshine - Reading matches - beer trays - signs - coasters - etc Old Reading thermometer, old Heath Reading Brewery tray, many small display case items, box lots plus many other interesting items

20 YEAR COLLECTION - APPROX. 5 HOUR AUCTION!!

TERMS: Cash or PA check day of auction

SALE FOR
JEFF MILLER

Kenneth P. Leiby, Auctioneer
PA L#AU00541-L
(610) 562-3929
Jason K. Leiby, App Auctioneer
AA002421-L

KENNY LEIBY AUCTIONEER SERVICE

PUBLIC AUCTION

Sat., February 28, 1998
9:00 AM

Schaper Brothers 25TH Annual Consignment Sale of Tractors, All Kinds of Farm Equipment, Lawn and Garden Equipment, Shop Tools, Light Industrial and Construction Equipment.

Located Vineland-Bridgeton Pike
(Route 56), West of Rainbow Lake
Pittsgrove Township, N.J.
For Further Information,
Call (609) 455-1640
Sale Conducted By:
WOLGEMUTH AUCTION (#2357)
Call Dennis (717) 656-2947

REAL ESTATE AUCTION
SAT., JAN. 24, 1998
12:00 NOON
Wheelerville, (Sullivan Co.) PA
(Blizzard Date Jan. 25)

On Rt 154 between Canton & Shunk, PA Older 2-story house with kitchen, D R , L R , & B R on 1st floor, 4 B R 's & full bath on 2nd floor, hot air oil heat w/accommodations for wood stove Nestled in the mountains of North Central PA on approx 1/2 acre lot, with thousand of acres of State Game Lands, trout stream, hiking and snowmobiling nearby Excellent for hunting or summer cottage Owner who is over 80 and moving into apartment for Senior Cititzens is very motivated to sell & has a very low price in mind Real Estate sold with immediate confirmation Antiques and household goods sold same day starting at 11 00 A M For more information or appointment to inspect the property call the auctioneer

TERMS ON REAL ESTATE Down payment of $2,000 00 in **CASH or CERTIFIED CHECK day of auction.**

OWNER: Frank Morgan

Donald Roan, Auctioneer
RR1, Box 94B, Roaring Branch, PA 17765
Phone (717) 324-2813 fax (717) 324-2677
email: roan@epix.net Lic. AU-000776-L

Sale Reports

ALBRECHT SALE

A Public Auction of old trains and Railroadiana was held December 27 at the Ridge Fire Company Pavilion, along Rt. 23 between Phoenixville, Pa. and Rt. 100.

Some prices included: Lionel 303 summer trolley $4750, Lion-el #10 Interurban $1600, Lionel #200 trolley $850, Lionel 1912 Loco $750, Lionel 6-wheel "U" frame #33 Loco with 2 ribbed cars $1400, Lionel #29 day coach with maroon windows $675, Lionel #51 Locomotive outfit in box $650, Lionel 156 Loco with passenger cars $1350, Carlisle & Finch #53 derrick (incomplete) $1750, early street lamp with lowering chain $1450, Ives orange 3243 Loco $500, Ives O-gauge clockwork Hiawatha set in box $1525 and Albrecht collection of railroad photographs filling 3 file boxes $7000.

Ted Maurer was the auctioneer.

BOLLINGER ESTATE SALE

A Public Auction of valuable real estate was held December 20 for the estate of Alvin K. Bollinger, 1307 Lincoln Road, Clay Twp., Lititz, Pa. in Lancaster Co.

The 75 acres of limestone soil with a 2½ -story house, 2-car garage, stone and frame barn and tobacco barn was sold for $675,000.

Other prices were: J.D. 1530 D tractor w/loader $9000, J.D. #506 rotary mower $400, J.D. 3 pt. scraper $325, J.D. 60 tractor $2500, Simplicity snow blower $675, J.D. 160 lawn tractor $790, oak library table $180, slant-top oak desk $850, oak extension table $475, GE refrigerator $100, Bentz pump trough $75, upright freezer $110 and Singer sewing machine $80.

Randal V. Kline, Lloyd Kreider and Roy Good Jr. were the auctioneers.

PUBLIC AUCTION
of Valuable Real Estate
in Lancaster County on
THURSDAY, JANUARY 22, 1998

10:00 AM 10:00 AM

Horses, Crops, Farm Equipment
51 Acre Farm in Salisbury Township, Lancaster County
Starting at 10:00 A.M.
Real Estate: 12:00 Noon

Directions: From 340 East of White Horse, Take Cambridge Rd. North to Sale on Left, Approx. 1-1/2 miles.
51 Acre Farm With 46 Acre Tillable and Balance is Pasture Land With Board Fence and High Tensile,

Erected Thereon: 2 Family 2 Story Frame Dwelling With Full Basement and Attic Storage.

1st Floor Consists Of: Kitchen & Dining Room Combination, Living Room, Bedroom, and Full Bath and Wash House

2nd Floor Consists Of: 5 Bedrooms and 1/2 Bath,

Tenant End Consists Of: 2 Bedrooms on 2nd Floor and Kitchen-Dining Room Combination, Living Room, Bedroom and Full Bathroom on 1st Floor,

2 Story Dairy Barn With 45 Stanchions, Heifer Pen, 9 Box Stalls, Milk House and Diesel Shed, 24 ft. by 40 ft. Heifer Barn, Corn Crib, Tobacco Shed With Cellar and Stripping Room, and 6 Stall Calf Hutch 14x70 Silo Water Supply Tank and In-Ground Pit For 1 Dairy Barn and Feed Bunk.

Open House: Jan. 17, 1998 1:00 P.M. to 4:00 P.M.

Terms: 10 Percent Down Day of Sale, Balance On Or Before Feb. 24., 1998

Attorney: Ed Miller

Auctioneer's Note: Here Is An Opportunity To Purchase A Dairy Farm In Lancaster County Ready To Go!

Draft Horses
8 Month Old Belgian Stud Colt,
12 Yr. Old Gelding, Offside Worker,

Crops Crops
Approx. 7 Ton 1st and 3rd Cutting
Mixed Hay, Good Horse Hay,
Approx. 2 Ton Straw,

Milking Equipment
735 Gal. Sunset Bulk Tank, Dumping Station With 100 Ft. Hose and Washer Jar, 6 Unit P.U.C. Bucket Rack, 2 - 55 Lb. Delaval Milkers, 5 Unit Bender Washer, Stainless Steel Washer Tub, Milk House Supplies

Farm Equipment
10 Ton G.S.I. Feed Bin, John Deere 3800 Harvester With Long Table, McCormick Deering 1 Row Corn Binder With Long Loader, McCormick Deering Ground Drive Mower, 200 Gal. Air Tank With Compressor and Briggs & Stratton Engine, E.L.S. 675 Liquid Manure Spreader, 8 Sections Corn Crib Wire, 14 Ft Flat Wagon With 4 Ft. Sides On Rubber, 28 Ft. Elevator, 2 Flat Wagons, 12 Ft. E.L.S. Pit Pump, 9 Ceiling Fans, Hydraulic Motor With Approx. 2 - 75 Ft. Lines, Rear Tractor Tires, 2 - Scenic Road Silage Carts, Grain Cart, 30 Bags Barn Dr.; Barn Supplies, Some Fire Wood, Oval Kitchen Range,

Terms by
Jacob B. & Linda F. Beiler
268 Cambridge Rd.
Gap, PA 17527

Cash or Honorable PA Check Only
All Announcements Sale Day Take Precedence Over All Advertising.
Not Responsible for Accidents
Food on Premises

Auctioneer: Mel Hoover
AU-003111-L
717-354-8397 Home or 717-354-6431 Barn

FARM EQUIPMENT AUCTION
FRIDAY, JAN. 9, 1998
9:00 AM

LOCATED AT A&C DIFFENBACH AUCTION INC., 100 W. JACKSON ST., NEW HOLLAND, PA

TRACTORS: Farmall H Wide Front, MF 205 Diesel 2WD, Cub 154 Lo-Boy w/Mower Deck, MF 1010 Diesel w/Mower Deck, Case 1835B Skid Loader; Many Others Not Listed.

FARM EQUIPMENT: NI 3214 Side Kick Manure Sprdr-280 BU, NI 206 Sprdr, NH 56 Rake, IH 1150 Grinder Mixer, NH 256 Rake, IH 450 3B Plow, Farmhand 830 Grinder Mixer, Pincor 16,000 Watt PTO Generator; Parker Bin Wagon; Uebler 810 Feed Cart, Farmaster Feed Cart Pequea 710 Tedder, JD 2R Corn Planter; Noble 2R Danish Tine Cult; IH 7 Tooth Chisel Plow-Pull Type; 3 Pt. Spring Harrow; NH 352 Grinder Mixer; IH 562 2R Corn Planter, Athens 3 Pt 7 Shank Chisel Plow, Brillion 7 Shank Chisel Plow-Pull Type; Mohawk 7 Shank 3 Pt Cult; Brillion 12' Cultimulcher, JD 3BT Rollover Pow; Triple K Danish Tine Cult.; 3 Pt. 7 Shank Chisel Plow; NH 851 Baler; 7' Rotary Mower-Heavy Duty; Brillion 5' 3 Pt. Seeder, JD 7000 4RN No Till Corn Planter w/Fert & Insectide - needs attention; Brillion 10' Packer Seeder; JD 25-A Flail Mower; NH 472 Haybine; White 252 Disc; Hesston Tank Spreader; Oliver 241 Disc; IH 710 Auto Set 3 Bt Plow; NH 851 Baler; NH 254 Rake; IHC 200 Ground Drive M Spreader; NH 258 Rake; Badger 5800L Tank Sprdr; Letz Mill; Brady 722 Stalk Chopper, 18' Batwing Rotary Mower; NH 846 Baler; Oliver 348 3B Plow, Massey Ferg 2B Plow, JD 1240 Planter; Int 56 4R Planter, Noble 6R 30" Cult, JD 11' AW Disc; AC Field Cultivator; Noble 6R Danish Tine Field Cult; NH #12-A Manure Spdr, JD KBA Disc, and many more items not mentioned

ABSOLUTE ABSOLUTE APPROX. 1:00 P.M.

New 8', 10', 12', 14' Hay Racks, New 8', 10', 12', 14' Gates w/Hinges & Spring Latches will also be here for the auction

New 3 Pt. Equip & Hudson Trailers for Sale Daily

ALL ADVERTISED ITEMS SUBJECT TO PRIOR SALE. SOME EQUIPMENT SOLD DAILY.
RECEIVING DAYS - MONDAY THRU THURSDAY, JAN. 5 THRU 8 - 7 AM - 5 PM.
NO SMALL ITEMS RECEIVED ON FRIDAY.

SALE ORDER
9:00 A.M. - SALE STARTS
9:30 A.M. - LARGE EQUIPMENT
12 NOON - FARM TRACTORS
12:30 P.M. - LAWN & GARDEN EQUIPMENT
APPROX. 1:00 PM - ABSOLUTE ROW OF EQUIP.

A & C DIFFENBACH AUCTION INC
100 W. Jackson St., P.O Box 186
New Holland, PA 17557
Phone: (717) 355-7253
Fax (717) 355-9547 Alan Diffenbach Auct. - AU2258-L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

AUGUST

SAT AUG 1 - Mel's Stables, 834 Wallace Rd., New Holland, Lanc Co , PA Horse Sale Mel Hoover, Auct. 717-354-8397

MON AUG 3 - 10AM. 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES. AUG 4 - 548 Alexander Spring Rd , Carlisle, PA Fed Cattle Sale Carlisle Livestock Market, Inc , 717-249-4511

WED AUG 5 - 6 30PM 100 W Jackson St , New Holland, Lanc Co , Pa Winross, Hess, farm & toys A&C Diffenbach Auction Inc

MON AUG 10 - 10AM 100 W Jackson St., New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

FRI AUG 14 - 9AM 100 W Jackson St , New Holland, Lanc Co , Pa Tractors, farm equip , & supplies A&C Diffenbach Auction Inc

FRI AUG 14 - 1 30PM 548 Alexander Spring Rd , Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc , 717-249-4511

FRI AUG 14 - 7 PM Middleburg Livestock Auct Sls , Inc Middleburg, PA Dairy Sale Clarence Shirk & John Shirk, Owners 717-837-2222

MON AUG 17 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES. AUG 18 - 548 Alexander Spring Rd., Carlisle, PA Fed Cattle Sale. Carlisle Livestock Market, Inc , 717-249-4511

TUES AUG. 18 - 7:30PM 548 Alexander Spring Rd., Carlisle, PA Feeder cattle sale Carlisle Livestock Market, Inc , 717-249-4511

FRI. AUG. 21 - 7PM Middleburg Lvst. Auct. Sls Inc., Middleburg, PA. Feeder Sale Clarence Shirk & John Shirk, Owners, 717-837-2222.

SAT AUG. 22 - Mel's Stables, 834 Wallace Rd., New Holland, Lanc. Co , PA. Horse Sale. Mel Hoover, Auct. 717-354-8397.

MON. AUG. 24 - 10AM. 100 W Jackson St , New Holland, Lanc Co., Pa Hay, grain & straw auction. A & C Diffenbach Auction, Inc

FRI. AUG 28 - 1:30PM 548 Alexander Spring Rd , Carlisle, PA. State graded feeder pig sale Carlisle Livestock Market, Inc , 717-249-4511

SAT AUG. 29 - 8.30AM - Tack. 11AM Horse Sale. Middleburg Lvst Auct Sls Inc , Middleburg, PA. Clarence Shirk & John Shirk, Owners 717-837-2222

MON. AUG. 31 - 10AM 100 W. Jackson St., New Holland, Lanc. Co., Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

JULY

WED. JULY 1 - 6:30PM. 100 W Jackson St , New Holland, Lanc. Co., Pa. Winross, Hess, farm & toys. A&C Diffenbach Auction Inc

SAT. JULY 4 - Mel's Stables, 834 Wallace Rd , New Holland, Lanc Co., PA Horse Sale Mel Hoover, Auct 717-354-8397.

MON. JULY 6 - 10AM 100 W Jackson St., New Holland, Lanc Co., Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES. JULY 7 - 548 Alexander Spring Rd., Carlisle, PA. Fed Cattle Sale. Carlisle Livestock Market, Inc., 717-249-4511.

FRI. JULY 10 - 9AM. 100 W. Jackson St., New Holland, Lanc. Co., Pa. Tractors, farm equip., & supplies. A&C Diffenbach Auction Inc.

FRI. JULY 10 - 1:30PM. 548 Alexander Spring Rd., Carlisle, PA. State graded feeder pig sale. Carlisle Livestock Market, Inc., 717-249-4511.

FRI. JULY 10 - 7 PM Middleburg Livestock Auct. Sls., Inc. Middleburg, PA. Dairy Sale. Clarence Shirk & John Shirk, Owners 717-837-2222.

MON. JULY 13 - 10AM. 100 W. Jackson St., New Holland, Lanc. Co., Pa. Hay, grain & straw auction. A & C Diffenbach Auction, Inc.

MON. JULY 20 - 10AM. 100 W. Jackson St., New Holland, Lanc Co., Pa. Hay, grain & straw auction. A & C Diffenbach Auction, Inc.

TUES. JULY 21 - 548 Alexander Spring Rd., Carlisle, PA Fed Cattle Sale. Carlisle Livestock Market, Inc , 717-249-4511

TUES. JULY 21 - 9AM. 100 W. Jackson St., New Holland, Lanc Co., Pa. Quilt, craft & buggies. A&C Diffenbach Auction Inc.

TUES. JULY 21 - 7:30PM. 548 Alexander Spring Rd., Carlisle, PA Feeder cattle sale. Carlisle Livestock Market, Inc , 717-249-4511.

WED. JULY 22 - 9AM. 100 W Jackson St., New Holland, Lanc Co., Pa. Quilt & craft auction. A&C Diffenbach Auction Inc

A LESSON WELL LEARNED... LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!

CHEESE BURGER Days!

PUBLIC AUCTION

Farm Equipment and Work Horses

Saturday, January 24, 1998

9:00 AM

LOCATED: RD#1, Port Treverton, Snyder Co., PA, 9 miles south of Selinsgrove, PA off Rt. 11 & 15 at Hilshers Store. Go West on Peiffer Valley Rd., turn left on to McNessi Road, Sale on right, watch for sale signs.

FOUR HORSES

2 Smooth Mouth Geldings, 2 Smooth Mouth Mares (1 11 years old), all broken to farm machinery, Harness; Collars; etc.

APP 2000 Bales of Hay and Oat Straw

FARM EQUIPMENT

NH 56 Rake; Grimm Tedder; NH 68 Baler w/engine; Ford 4 Cylinder Power Unit; 2 JD Big Four Mowers; NI 28' Elevator; McCormick 2 Way Plow w/steel bottoms; 106 Warid Plow; KBA 24 Disc Harrow; JD 9' Drag Harrow; Oliver 2x14 Trail Plow; JD 999 Corn Planter; Oliver Corn Planter w/feet; Grove Flat Wagon; CT Flat Wagon; 2 Field Sprayers; NH 717 Chopper w/Engine; 2 Small Silage Wagons; AC Table Blower; 2 Fore Carts; NI #8 Spreader, NI Transplanter; 7' Roller Harrow; Oliver 11 Disk Drill; JD Lime Drill; IH 10C Hammermill; 2 Horse Cultivators; Wide Plastic Cultivators; Potato Plow; Pull-Type Stalk Cutter; Ground Scoop; Water Tank; Shovel Harrow; Plastic Layer, 3 Round Bale Feeders; Head gate; Farm Gates, Feed Cart, Flat Belts; Tomato Baskets; Platform Scales; Greenhouse Trays & Inserts; Wisc 2 Cylinder Motor; Shop Press; Engine Hoist; Extension Ladders, Tobacco Bale Box; Shears; Spears; CI Troughs, Scrap Pile; Single, Double Trees, Water Tank; Pump Jack; Hay Track; Buggy; Old Wheels;

2 WAGON LOADS OF MISC.

A few household goods: Monarch Cook Stove; 400 Warm Morning Stove; Singer Sewing Machine; Maytag Ringer Washer; Pot Belly Stove etc.

Terms: Cash or PA Check, unless known by Auction Firm.

Sale for:

Mrs. Miriam Brubaker

The Late Paul Brubaker

WOLGEMUTH AUCTION (#2357)

Dennis (717) 656-2947 Fax (717) 656-6011

Bob **John Hess**

MACHINERY CONSIGNMENT SALE

Sat., Jan. 10, 1998

Sale Time: 9:30 A.M.

Snow Date - Wed., Jan. 14

Penns Valley Livestock

Centre Hall, PA

814-349-5099

These items have been consigned from one farm. Plus many other items to be consigned.

International Farmall 1468-D cab 4x4; International Farmall 1466-D cab; Massey Ferguson 285 cab; International Farmall 460 wide; International Farmall 460-Row Crop Cub Cadet 7195 D-mower; New Holland SS Loader L775-D; New Holland Harvester 892; New Holland 2 Row corn head; New Holland Windrow pick up head; New Holland Tank Spreader 303-3200 gal.; New Holland injector set for 303 spreader; Clay Forage Wagon 16 ft.; Arts Way Forage Wagon 16 ft.; Ford 700 dump bed truck 8 ton; New Holland 280 Baler; Gehl 1450 Round Baler; International 400 Air Conventional corn planter; H & S 1650 Spreader; Badger BN185 Manure pump; Inter. 6 bottom automatic plow; Inter. 4 bottom automatic plow; International 3 bottom trip plow; 14 ft. Bush hog Disc; 8 ft. Bush hog Chisel plow; 7 ft. Bush hog Rotary mower; 12 ft. homemade stock trailer; Shaver post driver; Kuhn 1 row haytedder; New Holland #28 silage blower; 20 ft. Pequea feeder wagon; New Holland 479 haybine; New Holland 9 ft. rake; Lincoln drill press; Winpower 60,000 watt alternator; New Holland 40 ft. hay elevator; Lincoln 50 hp. Power unit; New Idea 12 ft. Lime Spreader, New Holland 16 ft Forage Wagon; Clay 16 ft. Forge wagon.

List of items consigned by other farmers

John Deere 3010 Diesel; John Deere 630; John Deere A; John Deere B; John Deere 45 loader; gravity wagon; Ford tractor w/loader; New Idea 214 manure spreader PTO driven, exd. condition.

Due to the cold weather we ask that only farm related items be consigned. We will not take any tires, windows, doors or junk.

$20.00 minimum charge on all sale items

For more info - 814-349-5099

Kitchen will be open

We will consign any other items on: Thurs. Jan. 8 & Fri. Jan. 9 - 9:00 a.m. to 4 p.m.

Auctioneer:

Ron Gilligan, AU 339L

Bankruptcy Auction

Sat. Jan. 10, 1998

At 10 AM

J. A. Hargleroad Co., Shippensburg, PA

Located Across From The Shippensburg Waste Water Plant. From King St. Turn On Earl St. To Hotpoint Ave. Look For Signs At Texaco Mini Mart.

Meat Processing Equipment

Hobart Model 5614 Band Saw, Hobart L-800 Mixer, 2 Groen Kettles, Hollymatic Grinder/Mixer, Southern Pride Henkovac Model 1500, Hobart Slices, Model 59 Butcher saw, Coldin 6' Deli case, 12' Meat Display Case, Toledo Platform Scale, Shrink Wrapper, Triple S/S Sink, S/S Vat, Meat Hooks, 3 Sect Metro Shelving, Butcher Block Table, Victor Case Register, Hobart 18P Scale, Time Clock, Karcher Pressure Washer, 4x6 Portable Sign, Shelving & Misc. 1 Hr. Auction - Don't Be Late - Removal Immediately After Auction Only - Bring Your Truck.

••1986 Ford 150 Van Auto, PS, PB, From KRC Elec. Bankruptcy to Be Sold••

Leon P. Haller, Trustee

Case # 1-96-02651

KERRY PAE AUCTIONEERS

Harrisburg, PA

(717) 236-3752

AU1337

Pennypacker-Andrews

AUCTION CENTRE, INC.

AUCTIONEERS - APPRAISERS - LIQUIDATORS

Announces An Unreserved Antique Auction Of The Anita I. Watson Collection of Chambersburg, PA

Wed., Jan. 14, 1998 at 9:00 AM

Preview: Day of Auction-7:30 AM to 9:00 AM

To Be Held At: Gouglersville Fire Company (Banquet Hall), Located Off Of Route 22 And Mohn's Hill Road (5 Miles From PA Turnpike Exit #21 Reading/Denver Interchange), Reading, PA.

Softwood Blanket Chests, Settle, One Drawer Stands, Cupboards, Round Oak China Closet, Meat Bench, Victorian Carved Sofa, Large Assortment Of Spindle and Plank Seat Chairs, Windsor Side Chair, Butter Churns, Potty Chairs, Piano Stool, Mahogany Bookshelf and Stands, 6' Glass Showcase, Agateware, Tinware, Ironware, Trivets, Ladles, Dough Scrapers, Spatulas, Fluters, Spoons, Forks, Cast Iron Kettles, Woodenware, Redware, Stoneware Crocks, Large Selection of Kerosene Lamps, Staffordshire, Late Adams, Pink Lustre, Gaudy & Florila Ironstone, Limoge, Germany, R.S. Germany, Prussia, Nippon, Majolica, Softpaste, Purple, Blue, Brown, Black Transferware China, A Large Selection of Pattern Glass Consisting of Various Patterns, Carnival Glass, Bennington, Quilts and Coverlets, Linens, Quilted Skirts, Prints, Daguerreotypes, Frames, Opalescent Hall Lamp, Magic Lantern, Sterling Silver and Plated Pieces, Lamp Parts, Signed Carpenters' Tools, Magazines. This is a very brief sampling of the many items to be offered at auction. Many items are not mentioned.

Mrs. Watson was an avid collector and dealer. She has purchased through auction for many years and now offers her collection to the general public. This will be the first of four auctions.

Terms: Cash or Approved Check with Bank Letter of Guarantee.

10% Buyers' Premium Charged.

Auction By:

Pennypacker-Andrews Auction Centre, Inc.

Cathy M. Pennypacker-Andrews

Lic. #AU-001254-L

Luke R. Witman

P.O. Box 558, Shillington, PA 19607-0558

(610) 777-6121 or 777-5890

COMPLETE LIQUIDATION AT

LARGE 3 DAY

AUCTION

of

LEITERS HARDWARE AND IMPLEMENTS

GREENCASTLE • PENNSYLVANIA

on site

THURSDAY • JANUARY 15TH • 1998 • 4:00 P.M.

FRIDAY • JANUARY 16TH • 1998 • 9:00 A.M.

SATURDAY • JANUARY 17TH • 1998 • 9:00 A.M.

A Full Page Detailed Ad Will Appear In Lancaster Farming's January 10th Issue

Or Contact Us On The Internet @ http://www.fred.net/auctions.

JAMES G. COCHRAN
CEO/Auctioneer PA - AU003314

J.G. Cochran

THOMAS E. BIKLE
Director of Marketing

AUCTIONEERS & ASSOCIATES LTD.

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NATIONALLY RECOGNIZED - AWARD WINNING AUCTIONEERS SINCE 1972

VILSMEIER AUCTION CO., INC.

PECO Energy & Area Contrs.
KING OF PRUSSIA, PA
Sat., Jan. 10, 1998 at 9:30 a.m.

NOTICE: PECO Energy & Area Contractors have decided to reduce their tool, equipment, computer and furniture inventories via an ABSOLUTE AUCTION sale.

AT: PECO Energy/Sealed Bid Services Resource Recovery Sale Center, 411 Yerkes Road (corner of Church & Yerkes Rds.), in King of Prussia.

PA Auction License RH-000021-L [98M008]

LASER LEVELS: (NOTE: 1997 & 1998 Models - Unused) PRO SHOT L2 Construction Laser Level w/tripod & rod; (2) NIKON AX-1 Automatic Survey Levels w/tripod & rod; (2) C.S.T. Berger 22 Power Automatic Levels w/tripod; C.S.T. Berger Transit Kit.

TRAILERS & EQUIP: (15) DOOLITTLE S/A & T/A Utility Trailers; (3 pr.) Aluminum Loading Ramps; OTC 17-1/2 Ton Press Frame; (6) LAWN BOY, HONDA & SEARS Mowers & Leaf Blowers; Pressure Washer; Mig Welder; Welder's Torch & Tank Set; GO-LO Power Winch.

OFFICE EQUIPMENT & MISC.: (10) Copiers; (LG QTY) Chairs, Cabinets, Tables & Desks; DYNATEL Fault Locator; SIMPSON Multimeter; SCOTT & ECOS Monitors & Indicators.

LARGE QUANTITY OF NEW HAND TOOLS & GOOD POWER TOOLS: (25) RIDGID 2A Pipe Cuttters; (8) RIDGID 11-R Threader Sets; (15) RIDGID BC-2A Pipe Vises; (11) RIDGID 11-R 1/2" & 1-1/4" Die Heads; (30) REED RW-18 18" Pipe Wrenches; (5) ARMSTRONG 1/8" TO 2-1/2" Pipe Vises; (5) CRESCENT 14" Tongue & Groove Pliers; (40) MALCO 5 Blade Crimpers; (LG QTY) STARRETT & MIDGET Hacksaws, Holesaws, Frames & Blades; (50) Snow Shovels & Digging Spades; (40) Plastic Tool Boxes; (LG QTY) Flat & Round Files; Screw Extractors; Sockets, Wrenches, Nut Drivers & Picks; (25) CHICAGO CASE CO. Technicians Tool Attache Cases; (25) ENCON Goggles; (600') 1/2" dia. Manilla Rope; RED HEAD 747 Roto Hammer; BLACK & DECKER 6" Grinder; (2) BOSCH & FENWAY Nibblers; BOSCH Hammer Drill; (LG QTY) BURNDY, T&B & ALCOA Crimpers & Dies; KETT Model K190 Power Shear; GREENLEE 10,000 psi Hyd./Elec. Pump; GREENLEE Hyd. Bender; Knock Out Punch & Shear; GARDNER DENVER Pneumatic Tool Kit.

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.

INSP: January 9th, 7:30 am - 4 pm & Sale day beginning at 7:30 a.m.

REMOVAL: After complete payment, all goods can be removed on sale day until 2:30 p.m. & on January 12, 7:30 a.m. - 4 p.m.

EVERYTHING SELLS TO THE HIGHEST BIDDER REGARDLESS OF PRICE.

VILSMEIER AUCTION CO., INC.
WRITE OR CALL FOR A DESCRIPTIVE BROCHURE
1044 BETHLEHEM PIKE • MONTGOMERYVILLE, PA 18936
WEBSITE ADDRESS: http://www.vilsmeier.com
1-800-BID-N-BUY
215/699-5833 FAX: 215/628-8010
E-Mail: auction@vilsmeier.com

PUBLIC AUCTION
Sat., January 10, 1998
Mules, Draft Horses, Farm & Milking Equipment

9:00 A.M. 9:00 A.M.

Directions: Take 896 South of Strasburg to Nine Points turn right on Noble Rd. to 1st road left (Bell Rd.) proceed 2 miles to sale on left! Watch for signs.

Mules and Draft Horses

Pet } 6 yr. old Molly Single Line Leader
Peggy } 6 yr. old Molly Used to Clean Out Cow Stable
4 Mules (2 Pr.) – 5 Draft Horses

Horses & Mules Broke to all farm machinery safe for anybody to work.

Horse Related Items

7 Sets Front Gear, 7 Bridles, 12 Collars, Western Saddle, 4 Set Check Lines, Jockey Sticks, 3 Set Rope & Pulleys for Tandem Hitches, 2, 3, 4, 5, 6 & 7 Horse Hitches

Milking Equipment

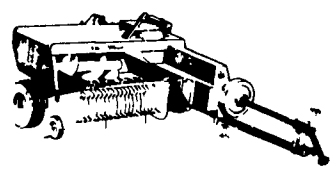
4 DeLaval Milkers with I B A. Inflations, Sputnick, Carrying Pail, Milk House Supplies,

Crops

Approx. 1000 Bale 3rd & 4th Cutting Alfalfa Hay.

Farm Equipment

New Holland 565 Baler with 2 Cylinder Wisconsin, Like New



Allis Chalmers XT Series III Diesel Tractor with Pully and Hydraulic (good condition), New Holland 456 Mower with 3 Cylinder Perkins Diesel and Hydraulic in good condition, Sitrex Tedder with Kawasaki Engine, New Holland 402 Crimper in good condition, 2 - New Holland 256 Hay Rakes in good condition, 38 ft. New Holland Elevator with Hydraulic Motor and 2 - 50 ft Hoses, 3 - 16 ft Flat Wagons with Corn Sides in good condition, Oliver 2 Bottom Trailer Plow, PTO McCormick Deering #9 Silage Cutter, 1 Row - 323 New Idea Corn Picker good condition, Brady 722 Fodder Chopper, Pequea Manure Spreader with Tail Gate, E.L.S. Liquid Manure Spreader, 1 Horse 1 Row McCormick Deering Corn Binder, 7 ft. 3 Point Scraper Blade, 24 K.B.A. Disc, 3 - Auto Turn Forecarts with Brakes, New Idea 1 Row Transplanter, McCormick Deering 1 Row Cultivator, 200-G-SX Kawasaki Engine with Clutch Reduction, 9 ft. Spring Tooth Harrow, 9 ft. Cultipacker, 3 Cylinder Yanmar Diesel with Twin Disc Clutch Reduction good condition, 4 Cylinder Wisconsin with Rockford Clutch Reduction, 4000 Tobacco Lath, Platform Scales, 2 Minnich Tobacco Presses.

Barn Supplies

Shovels, Forks, Brooms, 2 - Silage Carts, Grain Cart, Milk Cans, Chicken Coops, Chicken Nests, Rabbit Cages, 12 ft. Feeder on Skids, Barn Fan with Honda Engine, Water Tubs, 10 ft. & 12 ft. Gates, Wheelbarrows, Air Tools, Misc Shop Tools
Winchester 3030 with Scope, 222 Rifle with Scope, Tree Stand.

Household Goods

Oak Roll Top Bed, 4 Piece Waterfall Bedroom Suite, Sofa, Chairs, Office Chair, Oak Extension Table with Boards, Crib, Stroller, Toys, Iron Kettle, D.S. Machine New Style Champion Wood or Coal Stove, Warm Morning Stove, Bathroom Vanity.

Sale For

John E. & Sarah S. Kauffman
371 Bell Rd., Christiana, Pa. 17509

Cash or Honorable PA Check Only.
All Announcements Sale Day Take Precedence Over All Advertising
Not Responsible for Accidents
Food on Premises
Auctioneer: Mel Hoover
AU-003111-L
717-354-8397 Home or 717-354-6431 Barn

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

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JUNE

MON. JUNE 1 - 10AM. 100 W Jackson St., New Holland, Lanc Co., Pa Hay, grain & straw auction. A & C Diffenbach Auction, Inc

TUES JUNE 2 - 548 Alexander Spring Rd., Carlisle, PA: Fed Cattle Sale. Carlisle Livestock Market, Inc., 717-249-4511.

WED. JUNE 3 - 6:30PM. 100 W. Jackson St., New Holland, Lanc. Co., Pa. Winross, Hess, farm & toys. A&C Diffenbach Auction Inc.

SAT JUNE 6 - Mel's Stables, 834 Wallace Rd., New Holland, Lanc. Co., PA. Horse Sale. Mel Hoover, Auct. 717-354-8397.

MON. JUNE 8 - 10AM 100 W Jackson St., New Holland, Lanc Co., Pa. Hay, grain & straw auction A & C Diffenbach Auction, Inc.

FRI. JUNE 12 - 9AM. 100 W. Jackson St., New Holland, Lanc Co., Pa. Tractors, farm equip., & supplies. A&C Diffenbach Auction Inc.

FRI JUNE 12 - 1:30PM 548 Alexander Spring Rd , Carlisle, PA State graded feeder pig sale. Carlisle Livestock Market, Inc., 717-249-4511.

FRI. JUNE 12 - 7PM Middleburg Livestock Auct. Sls , Inc. Middleburg, PA Anniversary Dairy Sale Clarence Shirk & John Shirk, Owners. 717-837-2222.

MON JUNE 15 - 10AM 100 W Jackson St., New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES JUNE 16 - 548 Alexander Spring Rd., Carlisle, PA Fed Cattle Sale Carlisle Livestock Market, Inc , 717-249-4511.

TUES. JUNE 16 - 7 30PM 548 Alexander Spring Rd , Carlisle, PA Feeder cattle sale Carlisle Livestock Market, Inc , 717-249-4511

FRI JUNE 19 - 7PM Middleburg Lvst Auct Sls Inc , Middleburg, PA Feeder Sale Clarence Shirk & John Shirk, Owners, 717-837-2222

MON JUNE 22 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES JUNE 23 - 8:30AM - Tack. 11AM Horse Sale Middleburg Lvst. Auct Sls. Inc , Middleburg, PA Clarence Shirk & John Shirk, Owners 717-837-2222

FRI JUNE 26 - 1 30PM 548 Alexander Spring Rd , Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc , 717-249-4511

MON JUNE 28 - 10AM 100 W Jackson St., New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

MAY

SAT MAY 2 - "The Best of Cook Farms Holsteins " Home of Cook Farms Flip, Hadley, Ma The Cattle Exchange

SAT MAY 2 - Mel's Stables, 834 Wallace Rd , New Holland, Lanc Co , PA Horse Sale Mel Hoover, Auct. 717-354-8397

MON MAY 4 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES MAY 5 - 548 Alexander Spring Rd , Carlisle, PA Fed Cattle Sale Carlisle Livestock Market, Inc , 717-249-4511

TUES MAY 5 - 7 30PM 548 Alexander Spring Rd , Carlisle, PA Feeder cattle sale Carlisle Livestock Market, Inc , 717-249-4511

WED MAY 6 - 6 30PM 100 W Jackson St , New Holland, Lanc Co , Pa Winross, Hess, farm & toys A&C Diffenbach Auction Inc

FRI MAY 8 - 9AM 100 W Jackson St , New Holland, Lanc Co Pa Tractors, farm equip , & supplies A&C Diffenbach Auction Inc

FRI MAY 8 - 7PM Middleburg Livestock Auct Sls , Inc Middleburg, PA Dairy Sale Clarence Shirk & John Shirk, Owners 717 837-2222

FRI MAY 8 - 1 30PM 548 Alexander Spring Rd , Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc 717-249-4511

MON MAY 11 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

FRI MAY 15 - 7PM Middleburg Lvst Auct Sls Inc , Middleburg, PA Feeder Sale Clarence Shirk & John Shirk, Owners 717-837-2222

MON MAY 18 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction Inc

TUES MAY 19 - 548 Alexander Spring Rd , Carlisle, PA Fed Cattle Sale Carlisle Livestock Market Inc , 717-249-4511

TUES MAY 19 - 9AM 100 W Jackson St , New Holland, Lanc Co , Pa Quilt, craft & buggies A&C Diffenbach Auction Inc

TUES MAY 19 - 7 30PM 548 Alexander Spring Rd , Carlisle PA Feeder cattle sale Carlisle Livestock Market, Inc , 717-249-4511

WED MAY 20 - 9AM 100 W Jackson St , New Holland, Lanc Co , Pa Quilt & craft auction A&C Diffenbach Auction Inc

FRI MAY 22 - 1 30PM 548 Alexander Spring Rd , Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc , 717-249-4511

SAT MAY 23 - Mel's Stables, 834 Wallace Rd , New Holland, Lanc Co , PA Horse Sale Mel Hoover, Auct 717-354-8397

PUBLIC SALE

Due to Retirement,
METZ & SONS Hardware Store
2202 Gettysburg Rd., Camp Hill, PA
Lower Allen Shopping Center
Fridays & Saturdays
Jan. 9, 10, 16 & 17, 1998
2 Friday sales begin at 5:00 p.m. &
2 Saturday sales begin at 8:00 a.m.
Preview prior to sales
For more information call 717-737-8648
Glades Auction Co.
#AY000089-L, Phone 717-757-3532
Bob Sholly 717-938-2960
Bring your own chair; auction will be held indoors.

PUBLIC SALE
HOUSEHOLD GOODS
ANTIQUES
POWER & HAND TOOLS
SATURDAY, JANUARY 10, 1998
8:00 A.M.

To be sold at the Lincoln Fire Hall, in rear of 1438 West Main Street, Ephrata, Lancaster County, PA., (One block off Rt. 322 West). Watch for sale arrows.

ROUND OAK EXTENSION TABLE (With Claw Feet)

Blanket Chest, Walnut Dropleaf Table, Maple Corner Cupboard, Modern Grandfather's Clock, Walnut Victorian Platform Rocker & Arm Chairs; Art Deco Chair, Bassett Bedroom Suite with 2 Single Beds, Dresser, Chest of Drawers & Night Stand; Cedar Chest, Fine Large Oval Braided Rug, Sofa & Chairs, Card Table & Chairs, Brass Bird Cage & Stand, Brass Jardiniere, Seth Thomas Chime Clock, Carriage Clock, Banjo Clock, Needlepoint Picture, Historical Blue Cup & Saucer, Yellow Ware Shaving Mug, Azalea Compote, Child's Baby Dish, 2 Large Bisque Figurines, Roseville, Fenton, Opalescent, Thistle Vinegar Cruet, Royal Bayreuth, Cut Glass Bowl, Glass Baskets, Bristol Vase, Set of Stangl China, Black & White Milk Glass, Pressed Glass & China, Mush Cup, Noritake China, Victorian Bureau Set, Figures, Depression Glass Sherberts, Salt & Pepper; Art Deco Wine Set, Umbrella Stand, Half Shade Lamp, China Cake Plates, Goblets, Large Urns, Punch Bowl, Milk Bottles, Old Christmas Decorations, Everyday Dishes,

FINE EARLY CHILD'S PUSH SLEIGH

1880 WATER COLOR 1839 TAUF SCHEIN

2 Vol. History of Berks Co., Sterling, Iron Bank, Iron Forks & Spatulas, Gumball Machine, Beatty Meat Cleaver, Wooden Table Model Radio, Milk Can, Coca Cola Ping Pong Paddles, Spike Jones & Edison Records, Old Our Gang & 3 Stooges Movies, Early Basket, Chest of Silver Flatware, Electrical Appliances, Stainless Steel Kettles, Old Quilt, Blankets, Chenille Bedspread, Doilies, Scarves, Lot of Lady's Hankies, Lady's Lapel Watch, Lady's 14K Diamond Ring, Old Jewelry, Post Card Albums

B & D TABLE MITER SAW

Rockwell Belt Sander, Makita Drill & Sander, 2 Skil Saws, McCulloch Gas Chain Saw, Rockwell Router & Table, Metal Plane, Fishing Rods inc. Fly Rods, Electric Leaf Blower, Lot Good Hand Tools, loads of other fine items too numerous to mention.

Terms By
MABEL KREIDER, BERTHA RAZER And Others

Not Responsible for Accident Refreshments will be sold

DALE L. PUTT, AUCTIONEER
AU-000733-L
Phone Akron (717) 859-1430

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

MON MAY 25 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

SAT MAY 30 - 8 30AM - Tack 11AM Horse Sale. Middleburg Lvst Auct Sls. Inc., Middleburg, PA Clarence Shirk & John Shirk, Owners 717-837-2222

APRIL

WED APR 1 - 4PM Belleville Livestock Market, Belleville, PA Easter Lamb & Goat For more info Gene Glick, 717-667-2703 or Sale Barn, 717-935-2146

WED. APR 1 - 6 30PM. 100 W Jackson St , New Holland, Lanc Co , Pa. Winross, Hess, farm & toys A&C Diffenbach Auction Inc

SAT APR 2 - Important Northeast Sale. The Cattle Exchange

FRI APR 3 - 9AM 548 Alexander Spring Rd , Carlisle, PA Special Easter Sale, rabbits, poultry, fowl & eggs 12 30PM Goats, lambs & sheep Carlisle Livestock Market, Inc , 717-249-4511

SAT APR 4 - Mel's Stables, 834 Wallace Rd , New Holland, Lanc Co , PA Horse Sale Mel Hoover, Auct 717-354-8397

SAT APR 4 - Morgantown, Pa Caernarvon Farms Complete Dispersal, 230 Holsteins By Andy Stoltzfus The Cattle Exchange

SAT APR 4 - Shippensburg, Pa Farm machinery By Joyce Misner Kling's Auctions, Inc , Landisburg, Pa 717-789-3883

SAT APR 4 - 8 30AM 100 W Jackson St , New Holland, Lanc Co , Pa Tractors, trailers & construction A&C Diffenbach Auction Inc

SAT APR 4 - 9AM Keystone Auto Auction, Exit 28, off Rt 81 in Grantsville, Pa Auto Auction Keystone Auto Auction

SAT, APR 4 - 9AM Sharp Rt 652, Honesdale, PA Inventory Reduction Auction, new & used farm, industrial & lawn & garden equipment Marshall Machinery, Inc 717-729-7117

MON APR 6 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES APR 7 - 548 Alexander Spring Rd , Carlisle, PA Fed Cattle Sale Carlisle Livestock Market, Inc , 717-249-4511

TUES APR 7 - 7 30PM 548 Alexander Spring Rd , Carlisle, PA Feeder cattle sale Carlisle Livestock Market, Inc , 717-249-4511

THUR APR 9 - 10AM #110 Rt 202 - 31 - 2 mi S of Flemington, NJ next to Toyota Dealership Big grain farming & machinery By Kuster Farms Col F R Daniel Auct's Inc

THURS APR 9 - 12 Noon Middleburg Livestock Auct Sls , Inc Middleburg, PA Dairy Sale Clarence Shirk & John Shirk, Owners 717-837-2222

FRI APR 10 - 1 30PM 548 Alexander Spring Rd , Carlisle PA State graded feeder pig sale Carlisle Livestock Market Inc 717-249-4511

SAT APR 11 - 8 30AM - Tack, 11AM - Horses Middleburg Lvst Auct Sls Inc , Middleburg, PA Special Riding Horse Sale Clarence Shirk & John Shirk, Owners, 717-837-2222

SAT APR 11 - 2 30PM Mifflinburg High School, 1st & Market St , Mifflinburg, Pa Farm Toy Auction Ray Miller, Auct 717-966-3483

MON APR 13 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction Inc

FRI APR 17 - 9AM 100 W Jackson St , New Holland Lanc Co Pa Tractors, farm equip & supplies A&C Diffenbach Auction Inc

FRI APR 17 - 9AM Middleburg Lvst Auct Sls Inc , Middleburg PA Equipment Sale Clarence Shirk & John Shirk Owners, 717 837-2222

FRI APR 17 - 7PM Middleburg Lvst Auct Sls Inc , Middleburg, PA Feeder Sale Clarence Shirk & John Shirk, Owners, 717-837-2222

SAT APR 18 - NY State Fairgrounds, Syracuse, NY ABS St Jacobs Sale The Cattle Exchange 607-746-2226

SAT APR 18 - 9AM Keystone Auto Auction, Exit 28, off Rt 81 in Grantsville, Pa Auto Auction Keystone Auto Auction

SAT APR 18 - 10AM Danville, Montour Co , PA Danville Auction's Annual Spring Consignment Sale Accepting consignments now, 717-275-2880

MON APR 20 - 10AM 100 W Jackson St , New Holland, Lanc Co Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES APR 21 - 548 Alexander Spring Rd Carlisle, PA Fed Cattle Sale Carlisle Livestock Market, Inc , 717-249-4511

TUES APR 21 - 7 30PM 548 Alexander Spring Rd , Carlisle, PA Feeder cattle sale Carlisle Livestock Market, Inc , 717-249-4511

FRI APR 24 - 1 30PM 548 Alexander Spring Rd , Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc , 717-249-4511

FRI APR 24 - 6PM Belleville Livestock Market, Belleville, PA Spring Heifer Sale For more info Gene Glick, 717-667-2703 or Sale Barn, 717-935-2146

SAT APR 25 - International Red & White Sale, hosted by Cedar Lane Farms, Oldwick, NJ The Cattle Exchange

SAT APR 25 - 8 30AM - Tack 11AM Horse Sale Middleburg Lvst Auct Sls Inc , Middleburg, PA Clarence Shirk & John Shirk, Owners 717-837-2222

SAT APR 25 - 9AM Keystone Auto Auction, Exit 28, off Rt. 81 in Grantsville, Pa Auto Auction Keystone Auto Auction

MON. APR 27 - 10AM 100 W Jackson St ,-New Holland, Lanc Co., Pa. Hay, grain & straw auction A & C Diffenbach Auction, Inc

MARCH

MON MAR. 2 - 10AM 100 W Jackson St., New Holland, Lanc Co., Pa. Hay, grain & straw auction. A & C Diffenbach Auction, Inc

TUES MAR. 3 - 548 Alexander Spring Rd., Carlisle, PA Fed Cattle Sale. Carlisle Livestock Market, Inc , 717-249-4511

TUES MAR 3 - 7 30PM 548 Alexander Spring Rd , Carlisle, PA Feeder cattle sale Carlisle Livestock Market, Inc , 717-249-4511

WED MAR 4 - 6 30PM 100 W Jackson St , New Holland, Lanc Co , Pa Winross, Hess, farm & toys. A&C Diffenbach Auction Inc

THURS MAR 5 - 9AM Cumberland Valley Produce Auction, Shippensburg, Pa. Annual Farm Machinery Sale Consignments welcome

THURS MAR 5 - 10AM Honey Brook, PA. Farm machinery, Field Queen forage harvester, 3 forage wagons, NH 30 blower, etc By John Omar & Naomi Stoltzfus. Petersheim Auction Service.

FRI. MAR. 6 - Loysville, Pa. Farm Machinery. By Dave Roth. Kling's Auctions, Inc. 717-789-3883.

FRI. MAR. 6 - 9AM. Belleville Livestock Market, Belleville, PA. Spring Machinery Sale, 1PM - Tractors & Hay. For more info: Gene Glick, 717-667-2703 or Sale Barn, 717-935-2146.

SAT. MAR. 7 - Mechanicsburg, Pa. Farm machinery. By Chester Deitch. Kling's Auctions, Inc., Landisburg, Pa. 717-789-3883.

SAT. MAR. 7 - 8:30AM. 6 mi SE of Strasburg along Rt.896, village of Georgetown, Lanc. Co., Pa. 34th Annual Bart Twp. Fire Co. Auct. New & used farm equip., small goods, quilts, furniture (new & used), lawn & garden, hand straw, buggies, lvst., & sm. hand tools Many items not mentioned. By Bart Twp. Fire Co. Numerous aucts 717-786-3348.

SAT. MAR. 7 - 9AM. Keystone Auto Auction, Exit 28, off Rt 81 in Grantsville, Pa. Auto Auction. Keystone Auto Auction.

MON. MAR. 9 - 10AM. 100 W Jackson St., New Holland, Lanc Co., Pa. Hay, grain & straw auction A & C Diffenbach Auction, Inc.

TOY SHOW

Leesport Farmers Market Social Hall
Rte. 61 Leesport, PA
Sunday, Jan. 18, 1998 - 9:00 am to 2 pm

FREE ADMISSION

All Categories of old toys and collector toys.
145 tables of toys indoors.
Contact Gallagher Productions

(610) 562-5559

PUBLIC SALE OF REAL ESTATE

January 17, 1998 at 11:00 AM

(In case of heavy snow, sale will be rescheduled on Jan., 24, 1998 at 11:00 AM)

Located at **12840 Creek Road, Fannettsburg, PA**

From Route 30, take Route 75N 15 miles, R. on Pigeon Hill Rd., R on Creek Rd., First property on left. From PA Turnpike, exit 14 travel to Route 75, turn L, go 1/2 mile, turn R. on Pigeon Hill Rd., turn R. on Creek Rd., First property on left.

Dennis Welker AU-000992-L
John Kohler, Jr. A-000507-L
Auctioneers

Will offer for sale 58.6 acre farm. 48 acres tillable with road frontage of 1800 ft. Property more fully described in Franklin Co. Deed book Vol. 1056, Page 54.

Inspection Date: Open House - January 3 & 10, 1998 from 2:00 - 4:00 PM. Other arrangements can be made by calling: Lester Swope, REALTOR - 717-267-3222 or 717-530-8693 or 800-913-7625. Dennis Welker, Auctioneer - 717-369-3984.

Terms of Real Estate: $20,000 in certified funds when property is struck down. Other terms and conditions made known the day of sale.

Will offer for sale 58.6 acre farm 48 acres tillable with road frontage of 1800 ft.

Erected thereon: 45,000 sq. ft. Poly Covered Greenhouses 125 x 182 5 bay 25 ft. gutter connected Van Wingerden, 125 x 178 5 bay 25 ft. gutter connected Oehmsen Superlite includes 18,700 sq. ft. roll-out benches.

**Both are equipped with a drained cement floor which has heat tubes installed in the concrete. Both also have overhead hot water heat.

**Both have 50% shade/heat retention curtains & drop irrigation for hanging baskets

2 Story 125 x 50 clear span warehouse with loading dock, restroom, insecticide storage, second floor air conditioned offices.

3,000,000 BTU Raypack gas fired hot water boiler.

72,500 square feet exterior surface covered with stone & ground cover with irrigation.

Equipment to begin immediate operation: Bouldin & Lawson Model 133 maxi-flat filler with hopper, dibble conveyer, water tunnel and transfer conveyors.

1/2 Acre pond.

35' x 96' Bank Barn renovated in 1985.

2 Story Farm House 2,428 sq. ft. renovated in 1985. Frame construction. With large eat-in kitchen, formal dining room, living room, sun porch, and 3/4 bath on first floor. Second floor has four bedrooms with full bath and sauna tub. Oil hot water baseboard heat and wood furnace.Beautiful deck overlooking pond.

Owners:
WITMER REAL ESTATE ASSOCIATES

The Prudential Franklin Associates, Realtors
946 Lincoln Way East, Chambersburg, PA

AUCTION!

10 A.M.
WEDNESDAY, JANUARY 7TH, 1998
AT THE RIDGE FIRE CO. ALONG RT. 23
BETWEEN RT. 100 AND
PHOENIXVILLE, PA
~ Happy New Year! ~

8x11 OIL ON BOARD BY EDGAR HUNT - BARNYARD SCENE WITH DUCKS

10 Pc Depression Dining Room Suite with Mirrored Splash Backs, Depression Dining Table, Buffet & Server, Doublewide Globe-Wernicke 4 Section Mahogany Stacking Bookcase, 4 Drawer Oak File, Arts & Crafts Style Triple Door Bookcase, Small Cabinet w/Carved Ibises, Open Bookshelf in Oak w/Cloverleaf Cutout, Maple Hutch, Server & Table, Cedar Chests, Depression Vanity, Drop Leaf Table to Refinish, Mahogany Stands & End Tables, Footstools & Benches, Kitchen Set, Spinet Desk, Mirrors & Prints, Martha Washington Sewing Stand, Mahogany Bedroom Furniture, Maple Vanity w/Covered Wagon Motif, Ansonia Front Escapement Mantel Clock w/Musketeer Figure, Colsonne and Other Fancy Lamps C C Conn Ltd Soprano Sax, Ampro Reel to Reel Vintage Orpheum Guitar Amp, Record Collection, Sheet Music, Old Kid's Books, Roseville Basket, Candlesticks, Vases & Planters, Blue Decorated Stoneware, Blue Hobnail Epergne, Bubbleware, Japanese Tea Set, Tynnedale & Van Roden Dessert Platter & Plates, 97 Collector Plates, Rockwell Series Plates & D'arceau Limages Series Plates, Fancy German & Bavarian Plates, Sterling Tea Spoons, Flatware, Pink Depression & Milk Glass, Limages Platters & Serving Bowls, Swan Dessert Cups, Cobalt Glasses, Cruets, Ironstone Pitchers, Heinrich Schibt Bullfrogs Stein 1909, Buenilum Aluminum Sugar & Creamer, Pressed & Etched Glass, Amber Buffet Set, Large Decorative Japanese Duck Egg Pot & Chinese Ginger Jar, "Paul Ux" Figural Tea Set, Salt Glaze Pitcher, Cast-Iron Flower Basket Doorstops, Fancy Table Linens, Al's Colt Riding Toy

Grumman 15 Ft Canoe, Umbrella Tent for Car, Yard & Garden Tools, Antique Plow, Evinrude 4 Speed Boat Motor, Selection of High Speed Steel Tools Dies, Taps, Drills, Calipers, Etc by Brown & Sharp and Starrett, Crossman Air Gun, 3 Speed Bikes

TERMS: Cash or PA Check w/Picture I D No Buyer's Premium, Preview 8 A M

DIRECTIONS: From PA Turnpike, Exit 23 Downingtown, take Rt 100 N to Rt 23 East on Rt 23 3 Miles to Fire Hall on Right

Kathy Maurer, Auctioneer
AU003006-L
Call 610-970-7588 For Info.

PUBLIC AUCTION

THURS., JAN. 8, 1998 - 3:30 p.m.

ANTIQUES ~ COLLECTIBLES ~HOUSEHOLD GOODS
at Carriage Corner Restaurant, Mifflinburg, PA

DIRECTIONS: From Lewisburg, travel west on Rt 45 As you enter Mifflinburg, the Carriage Corner Restaurant and Auction Center will be on your left.

ART

- Ned Smith Print of the Monarch Series, "Turkey" signed and numbered 426/600
- Artist Proof of Jan 1996 Games News Cover "Sneaking Buck" by Jerry Connelly, 1 of only 5 in existence, a signed copy of Game News is included
- Natures Beauties - Wood Ducks Limited Edition Print by Jerry Connelly 24/252
- Susquehanna Woodies by Jerry Connelly 53/980

CIVIL WAR & PRINTED MATERIAL

Civil War Sword - Ames 1864 (no scabbard), Civil War Soldier Photo in Pearl Inlaid Case; **BOOKS:** PA at Gettysburg, Vol 1, 1904; Gettysburg Reunion, 2 Volumes, 1913, Gettysburg by Hoke, 1887, Memories of the Civil War by Borton, 1898, Lincoln and Men of Wartimes by A K. McClure, 1892, PA Archives by Stone, 18 Volumes, 1890, Rise and Fall of the Slave Power in America by Henry Wilson, 1872, Pennsylvania, A History by Lewis, 1926, The Story of the Great War 6 Volumes, Diplomatic Edition, Gone With The Wind by M Mitchell, 1937, Martyr Mirror 1837 printed in Lancaster; Large Sale Bill Snyder Co , 1944, Cloyd Shambach Cider Ad and more

ANTIQUES & COLLECTIBLES

Roll Top Desk, Mahogany Bedroom Suite, Depression Bedroom Suite, Oak Sewing Machine in Closed Cabinet; Trunks, Organ Stool, Slaw Board w/Box, Mahogany Mirror, Gingerbread Clock, Exceptional Star Quilt, Brass Banquet Light w/Floral Globe. 2 McHenry Stenciled Jugs, 3 Gal. Crock/Blue, 2- 4 Gal Crock w/Blue Flowers by F Woolworth, VT, and Other Stoneware, Lion Bank, Brass Spittoon, Adams Rose Bowl, Berry Bowl Set, Flow Blue Meat Platter- Touraine, Flow Blue Cup & Saucer (small chip), R S Prussia Candy Dish w/Roses, Bennington Bowl, Carnival Amethyst Toothpick Holder, McCoy Cookie Jar, Child's Carnival Green Punch Bowl Set, Amethyst Carnival Cookie Jar, Blue Rooster on Nest, Horse on Nest; Swan Carnival Dish, Carnival Peacock Creamer, Pillsbury Cookie Jar, Geisha Girl Chocolate Pot, Geisha Girl Plate, Roseville Vase (small chip), Butterfly Design Carnival Tumbler, Gorham Lead Crystal Bowl, 2 Campbell Soup Dolls, Shirley Temple Cup, Rose Bowl Carnival, Hand Blown Egg, Chickens on Nests, Lefton Easter Egg, McClure Bean Soup Bucket, German Sugar Bowl, Pedestal Cake Plate, Misc Carnival Ware, German Veg Dishes, Vaseline Glass Vase, 2 Rye Coil Baskets, Lewisburg Feed Mill Bag, Texaco Metal Truck and Much More

A WIDE VARIETY OF HOUSEHOLD ITEMS

KENNETH E. HASSINGER
R.R. 02, Box 985
McClure, PA 17841
(717) 658-3536
AU-001532-L

NEIL A. COURTNEY
R.D. 1, Box 239
Richfield, PA 17086
(717) 539-8791
AU-002651-L

PUBLIC AUCTION

9:00 A.M. **9:00 A.M.**

Wednesday, February 4, 1998
Horses, Crops, Farm Equipment & Household Goods

Directions: From Quarryville take 472 South (Kirkwood Pike) approx. 8 miles to sale on left. From Oxford take 472 North approx. 7 miles to sale on right!

9 Head Draft Horses 9 Head
These horses are broke to all farm machinery and ready for work.

Horse Related Items

Spring Wagon, Pony Cart, Pony saddle, Pony Harness, 10 Sets front Gear, 10 Bridles, 15 Collars, Jockey Sticks, 4 Sets Check Lines, 2, 3, 4, 5, 6, 7 & 8 Horse Hitches, 4 Sets Rope & Pulley for Tandem Hitch.

Milking Equipment

3 Cylinder Lister Petter Diesel good condition, Alamo Vacuum Pump, Sputnick, 4 - DeLaval Milkers 2 with 65 lb Buckets, 2 with 55 lb Buckets, Bender Washer, Can't Kick.

Crops

Approx. 600 Bales 4th Cutting Alfalfa

Farm Equipment

Case S C Tractor on steel, 3800 John Deere Harvester with Long Table, New Holland 311 Baler with 4 Cylinder Wisconsin Engine good condition, New Holland 451 Mower with 4 Cylinder Wisconsin Engine & Hydraulic good condition, New Idea Crimper, 256 Rol-a-bar Rake, Nickelson Tedder, 3 - 16 ft Flat Wagon, 40 ft Little Giant Elevator, White Horse 2 Bottom 12 in Plow, Oliver 1 Bottom Trailer Plow, McCormick Deering 1 Bottom 2 Way Plow, John Deere 7000 4 Row No-Till Corn Planter with 12 Volt Hydraulic Unit & Monitor, 8 Row Fisher 1 Horse High Clearance Sprayer with Kawasaki F A 210 Engine and Pump, Field Sprayer with 200 Gal Poly Tank and Kawasaki F G 150 Engine & Pump & 28 ft. Booms, Superior Grain Drill, Mix-Mill Feed Mixer Wagon, Stauffer 2 Row Transplanter, Gravity Bin on Steel Wheel Gear, 4 - Auto Turn Fore Carts, 110 H P Onan L634 Power Unit with 4 to 1 Clutch Reduction good condition, 1 Row McCormick Deering Cultivator, Corn Drag, 2 Row Brady Roto-Beater with 4 Cylinder Gas Engine and 4 to 1 Clutch Reduction, 206 New Idea Manure Spreader, 24 K.B A Disc, 8 ft and 9 ft Cultipackers, 9 ft Little Britain Spring Tooth Harrow good condition, Pequea Manure Spreader with Tail Gate, 38 H P 3 Cylinder Lombardini Diesel with Rockford Clutch, 8 ft Log Roller

Misc. Items

4 - Cow Stable Ceiling Fans, 36 in. Portable Fan, 12 Volt Gandy Applicator, 2 - 275 Gal Fuel Tanks with Pumps, Hydraulic Hoses, 500 Gal Poly Tank, 7200 Tobacco Lath, Tobacco Shears and Spears, 275 Gal Water Tank, 16 in. Conestoga Planer, 150 Amp Lincoln Welder with Briggs & Stratton Engine, Acetylene Torch, Bolt Bin, Shop Shelving, Universal Band Saw, Grinder, Minnich Tobacco Press, 3 Compartment Tobacco Press Stripping Room Stove, 3 Grain Carts, Silage Carts, Shovels, Forks, Brooms, Old Windows and Doors, Trim, Oak Lumber, Lots of Tools and Misc Items too numerous to mention!

Household Goods

#400 Warm Morning Stove, 6 Cane Back Chairs, Oak Roll Top Bed, Iron Butcher Kettle, Copper Kettle

Terms by

Emanuel L. & Fannie Z. Stoltzfus
1867 Kirkwood Pike, Kirkwood, Pa. 17536

Cash or Honorable Pa. Checks Only
All Announcements Sale Day Take Precedence Over All Advertising
Not Responsible for Accidents
Food on Premises
Auctioneer: Mel Hoover AU-003111-L
354-8397 Home 354-6431 Barn

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED. MAR. 11 - 9:30AM. Gap, PA. Full line of farm machinery, (3) Case tractors, harvester, skid loader, etc. By Leroy & Naomi Stoltzfus. Petersheim Auction Service.

THURS. MAR. 12 - 11AM. 1300 Airport Rd., Bethel, Berks Co., PA. Farm machinery. By Cletus Doutrich. Harry Bachman & Nelson L. Ebersole, Aucts.

FRI. MAR. 13 - Dry Run, Pa Dairy Herd Dispersal. By R & T Farms.

Witman Auctioneers Inc.

UNRESERVED ANTIQUES AUCTION

From The Private Collection of Bertha K. Hershey

AGATE AND GRANITEWARE • TINWARE • REDWARE
ROSEVILLE POTTERY • COUNTRY ITEMS • LIGHTING
TOOLS • CAST IRON • TEXTILES

SATURDAY, JANUARY 10, 1998

9:00 A.M. Inspection: 7:30 A.M.

"Inspection Of Items: Auction Day Only!"

To Be Held At: The Gathering Place, 6 Pine Street, Mount Joy, PA (Lancaster County).

DIRECTIONS: (From Lancaster) Take Route 283 West to the Route 230 Exit, Travel 3 miles to the first red light, turn Right onto North Barbara Street, then Right onto Pine Street; (From Harrisburg) Take Route 283 East to the Route 772 Exit, turn Right onto 772 West, travel 1.6 miles. Just after bridge, turn Left onto Barbara Street and then turn Left onto Pine Street.

AGATE AND GRANITEWARE: Gray, Green and Blue Swirl; Gooseneck Coffee and Teapots; Basins; Milk Pails; Funnels; Dippers; Roaster; Cake Mold; Chamber Pot; Colander; Double Boiler; Stove Shelf Condiment Set.

EARLY TINWARE: Cookie Cutters - Duck, Rabbit, Rooster, Bird, Rocking Horse; Melon Molds - Two (2) Fruit Design Molds, Muffin Tin; Tin Candleholder; Bill Holders; Round and Heart Shape Cheese Molds; Tin Spice Set; 12 Hole Candle Mold; Tin Cutlery Tray; Hershey Tin; Tin Egg Poacher; Scoop; Sausage Press; Brass and Tin Hanging Scales; Bee Smoker; Lance Cracker Jar; Tin Litho Spice Set.

TINS: Lard Tin - Ezra Martin, Lancaster; Lard Tin - B.G. Renninger, Lancaster; Sparkling Gems Candy; Lard Tin - Chester County; Tin Stencils.

LIGHTING: Wrought Iron Candle Holder; Wrought Iron Betty Lamp; Brass Skater Lantern; Tin Fat Lamp; Brass Kerosene Light with Reflector; **1835 P.D. (Peter Derr) Brass/Tin Betty Lamp;** Wall Bracket Reflector Lights; Rayo and Kerosene Lights; Dietz Lanterns.

CROCKERY AND STONEWARE: Chicken Waterers; Brown Sponge Bowls; Bennington Bowls; Soap Holders; Milk Pitchers with Cherry Clusters; Brown Sponge; Bowls, Custards, Multi-Color Pitcher, Various Assorted Bowls; Blue Sponge Large Mixing Bowls; Green Glazed Milk Pitcher with Grape Cluster; Stoneware Crocks and Jugs.

REDWARE: Various Sizes of Plates; Mugs; Handle Crock and Other Crocks; Flowerpots; 20th Century Redware Pottery by Foltz, Breinnger Plates, Pie Plates and Cutouts.

ADVERTISING TIP TRAYS: Old Angus; Monticello Whiskey; Havanna Cigar; Cottolene/ Sunny South; Stegmaier Brewing Co.; Three (3) Characters - Cat, Wolf, Bear; Yuengling's, Pottsville, PA; President Suspenders - Edwin H. Stauffer.

ABC PLATES IN TIN: Tin Litho Peter Cottontail; Jumbo The Elephant; Cock Robin; Hey Diddle (The Cow Jumped Over The Moon).

WOODEN ITEMS: Cigar Mold; Round Band Box; Round Butter Bowl; Sock Stretchers; Rolling Pins; Potato Masher; Hog Scrapers; **Various Unusual Slaw Boards; Butter Mold, Paddles, Prints, Pineapple, Sheaf of Wheat, Floral;** Wodden Pie Crimper; Washboard; Long and Round Wooden Pie Boards; Wooden Pulley; Wooden Handled Knives and Forks; Early Wooden Dapply Gray Pull Toy Horse; Wooden 1/2 Dozen Egg Crate Carrier; Large Dough Tray; Miniature Child's Wooden Extension Ladder; Wooden Scouring Flatware Box.

CAST IRON ITEMS: Hubley Horses - Work - Thoroughbred; Various Colors/Sizes - Frogs, Fireside Cat, Bulldog, Pointer Dog, Irish Setter Dogs; Cat/Banks; Hubley Doorstops and Bookened - Three (3) Geese, Pheasant, Cat, Ship, German Shepherd, Brass Roosters, Bronze Ship.

TOOLS: Decorated Splintering Wedges; Scythe; **Flax Comb;** Brick Mold; Unusual Metal Square; **#83 Stanley Plane; John Veit/Philadelphia Curved Plane;** Brass End Folding Rules; Brass Marking Scribes; Long Screwdriver; Rare Horse Tooth File; Sach Planes; De Forest Sach Plan; **J. Boch Plow Plane; #71 Stanley Plane; #411 Union Cured Metal Plane;** Early Wooden Plow Plane; Brass File; Block Plane; Two (2) Russell and Hoffman Steels; Wooden Brass End Square; William Beatty Son (Chester) Meat Cleaver; Complete Precision E.O. Ritcher and Company Machinist Tools with Case.

TOBACCO ITEMS: Tobacco Lathe Holder; Early Wooden Tobacco Seeder with Early Paint; Havanna Cigar Cutter; Brass Tobacco Spear; Various Other Early Tobacco Related Items.

IRONS: Enterprise Salesman Flat Iron Set with Wooden Box; Collection of Flat Irons - Various Sizes with Removable Handles; Large Steam Iron with Trivet; Sun Sleeve Iron; Salesman's Sampler Case of Irons.

VARIOUS ICE CREAM DIPPERS: Square Sandwich Dipper; Cone Dippers.

CAST IRON: Cast Iron Wagnerware Skillets - #0 - #2 - #3 - #7 - #9 - #11 - #12 - #14; Rare Cast Iron C. Kieffer, Lancaster, PA Waffle Iron; Rare Cast Iron Waffle Iron with Recipe; Cast Iron Hubley Huber Roller with Driver.

BASKETS: Large Handled Rye Basket; Market Baskets; Check Baskets.

TEXTILES AND LINENS: Homespun and Crocheted Linens; Twelve (12) Quilts - Appliqued and Pieced Quilts, Amish Quilts.

MISCELLANEOUS ITEMS: Early Pull Toy; Hand Carved Sawn on Wheels; Early German Stick Animals - Sheep, Cow, Goat, Horse; Chalk Bulldog; **Papier Mache Billy Goat Candy Container;** Brass Buckets; Brass Scoop; Aunt Lydia Bread Box; **National Brass Cash Register; Victorian Fancy Penn-Air Tight Parlor Stove with Polish Nickel;** Wooden Coca-Cola Carrying Case with Bottles; Coca-Cola Thermometer; Two (2) Embossed Glass Peanut Jars; Horlicks Malted Milk Jars; Pencil Boxes; WallMount Coffee Grinder; Demuth's Snuff Lidded Crock; Chocolate Candy Molds of Santa Claus, Rabbits, Boy; Copper Tea Kettle with Gooseneck Spout; Eastman Druggist Studio Scale; Wrought Iron Spatulas, Ladles, Tasting Ladles, Brass Ladles; Rare Wrought Iron Sewing Bird; Yellowware Mixing Bowls - Various Sizes; Copper Bed Foot Warmers; Desk Ink Set; Shaving Stand; Various Chimney Covers; Fancy Oak Gingerbread Shelf Clock; Photo Albums with Early Postcards; Collar and Cuff Box; Oak Standard Treadle Sewing Machine; Printed Cigar Box with Paper Hattie Klopp Brunner Antiques, Reinholds, PA Bill Head Attached.

ROSEVILLE POTTERY: 12" Clematis Vase 129-18"; Rozane Royal 3 Footed Jardiniere; Pair of Clematis Bookends; 18" Freesia Vase; 15" Pair of Magnolia Vases 99-15"; Clematis Jardiniere 667'8"; Pair of Magnolia Vases 179-7"; Clematis Vases 108-8"; Zephyr Lily Vase 139-12"; Apple Blossom Basket 310-10"; Apple Blossom Console Bowl 333-14"; Clematis Teapot 5"; Magnolia Basket 386-12"; Clematis Jardiniere and Pedestal 667-8"; Water Lily Hanging Basket 9" USA; Clematis Bowl 667-5"; Clematis Lidded Bowl 3-8"; Blended Glaze Jardiniere and Pedestal; Blended Glaze Jardiniere; Florentine Jardiniere RV Ink Stamp; Bittersweet Window Box 869-12"; Windsor Vase - Small Black Paper Label; Pair of Freesia Vases 390-7"; Zephyr Lily Console Bowl 8-10"; Pair Freesia Candlesticks 1160-2"; Pair of Bittersweet Candlesticks 351; Freesia Console Bowl 466-10:; Zephyr Lily Cream Pitcher 7-C; Artwood Vase R Ink Stamp (Crack); Pair Rookwood Pottery Candlesticks; Weller Pottery; Pair of Vases, Vase, Handles Basket, Window Box.

No Telephone Bids Accepted. Absentee Bids Will Only Be Accepted After Inspection Of Items Has Been Done!! 10% Buyers Premium Will Be Applied To All Purchases!

TERMS: Full Payment is Required Day of Auction. Cash, Travelers' Checks, or Approved Check with Current Bank Letter of Guarantee. NO EXCEPTIONS!!

AUCTION CONDUCTED BY:
Witman Auctioneers Inc.
Auctioneers, Appraisers and Liquidators
Jay M. Witman, AU001127-L
Luke R. Witman
657 Fruitville Pike,
Manheim, PA 17545
(717) 665-5735

Kling's Auctions, Inc. 717-789-3883.

FRI. MAR. 13 - 9AM. 100 W. Jackson St., New Holland, Lanc. Co., Pa. Tractors, farm equip., & supplies. A&C Diffenbach Auction Inc

FRI. MAR. 13 - 12 Noon. Middleburg Livestock Auct. Sls., Inc Middleburg, PA. Dairy Sale. Clarence Shirk & John Shirk, Owners 717-837-2222

FRI. MAR 13 - 1 30PM 548 Alexander Spring Rd, Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc, 717-249-4511

SAT MAR 14 - 3 miles E of Muncy, PA Fraley's Annual Spring Consign Sale Fraley Auction Co

SAT MAR 14 - Valley-Pond Holsteins complete dispersal Lebanon PA The Cattle Exchange

SAT MAR. 14 - 9AM Keystone Auto Auction, Exit 28, off Rt 81 in Grantsville, Pa. Auto Auction Keystone Auto Auction

MON MAR 16 - 10AM 100 W Jackson St, New Holland, Lanc Co, Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES. MAR 17 - 548 Alexander Spring Rd, Carlisle, PA Fed Cattle Sale. Carlisle Livestock Market, Inc., 717-249-4511.

TUES, MAR. 17 - 7.30PM. 548 Alexander Spring Rd., Carlisle, PA Feeder cattle sale. Carlisle Livestock Market, Inc., 717-249-4511.

FRI. MAR 20 - Seventy head Holstein herd, 30 years AI breeding By Jacob & Katie Lantz Steve & Steve Jr Petersheim, Aucts

FRI. MAR 20 - Carlisle, Pa. Farm machinery By Luther Lebo Kling's Auctions, Inc, Landisburg, Pa 717-789-3883

FRI MAR 20 - 9AM Middleburg Lvst Auct Sls Inc, Middleburg, PA. Equipment Sale Clarence Shirk & John Shirk, Owners, 717-837-2222

FRI MAR 20 - 9AM 3 mi S of Belleville, turn East off Rt 655 on Knepp Rd to stop sign, R 3rd farm on R, Mifflin Co, PA Dairy equip, full line of machinery & some Hh goods By Henry E. & Barbara Byler, 717-483-6977 Mark Glick, Auct

FRI MAR 20 - 7PM Middleburg Lvst Auct Sls Inc, Middleburg, PA Feeder Sale Clarence Shirk & John Shirk, Owners, 717-837-2222

SAT MAR 21 - Allamuchy, NJ Tranquility Farms Complete Dispersal, 270 head. By Peter Freeborn. The Cattle Exchange.

SAT. MAR. 21 - Rheems Exit-Rt. 283, Rheems/Elizabethtown, Lanc. Co., PA. Messick's Farm Equipment Annual Consignment Auction. Millers Auction Service.

SAT. MAR. 21 - 8:30AM. 6 mi SE of Strasburg along Rt.896, village of Georgetown, Lanc Co, Pa 10th Ann All Day Building Materials Sale. Truckloads of wood, siding, windows, doors, panelling, bathtubs, washbowls, & lumber of all sizes. By Bart Twp. Fire Co Numerous aucts. 717-786-3348

SAT. MAR 21 - 11AM. Pittstown, NJ Wolverton Rd off Locust off Rt 615 S - 8 mi S of Exit 15 off Rt 78 Well kept grain farm machinery By Orville Barrick. Col F R Daniels Auct's Inc

MON MAR 23 - 10AM 100 W Jackson St, New Holland, Lanc Co, Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES MAR 24 - 9AM 100 W Jackson St, New Holland, Lanc Co, Pa Quilt, craft & buggies A&C Diffenbach Auction Inc

WED MAR 25 - 9AM 100 W Jackson St, New Holland, Lanc Co, Pa. Quilt & craft auction A&C Diffenbach Auction Inc

THURS MAR 26 - 11AM - FRI MAR 27 - 9AM - SAT MAR 28 - 9AM Whitley Co 4-H Fairgrounds, Columbia City, IN Antique Tractor Auction, misc parts, machinery, running tractors 300+ original, restored antique tractors To consign call, 219-723-4378 King Auction Service

FRI MAR 27 - Shippensburg, PA Heifer Sale By Wayne Hall Kling's Auctions, Inc, 717-789-3883

FRI MAR 27 - 1 30PM 548 Alexander Spring Rd, Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc, 717-249-4511

SAT MAR 28 - Great-View Holsteins milking herd & bred heifer dispersal PA owners The Miller Family - Harrisburg, PA. The Cattle Exchange

SAT MAR. 28 - 8 30AM. - Tack. 11AM Horse Sale Middleburg Lvst. Auct. Sls Inc., Middleburg, PA. Clarence Shirk & John Shirk, Owners. 717-837-2222.

SAT MAR 28 - 9AM Keystone Auto Auction, Exit 28, off Rt. 81 in Grantsville, Pa Auto Auction Keystone Auto Auction

MON MAR. 30 - 10AM. Rainbow Hill Rd, Clover Hill, NJ. 5 mi SE of Flemington, NJ. 14 mi NE of New Hope, Pa Late model JD machinery to operate 500 AC dairy and grain farm Could be the best line of equip. to be sold in NJ in 1998! By John & Bill Kanach Col F R. Daniel Auct's Inc

MON MAR 30 - 10AM. 100 W Jackson St., New Holland, Lanc Co, Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES. MAR 31 - 7 30PM 548 Alexander Spring Rd, Carlisle, PA Feeder cattle sale Carlisle Livestock Market, Inc, 717-249-4511

FEBRUARY

MON FEB. 2 - 10AM 100 W Jackson St., New Holland, Lanc Co., Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES FEB 3 - 548 Alexander Spring Rd, Carlisle, PA Fed Cattle Sale Carlisle Livestock Market, Inc, 717-249-4511

WED FEB 4 - 9AM 1867 Kirkwood Pike, Kirkwood, PA Horses, hay, farm equip & Hh goods By Emanuel L & Fannie Z Stoltzfus. Mel Hoover, Auct.

WED FEB 4 - 6 30PM 100 W Jackson St, New Holland, Lanc Co, Pa Winross, Hess, Farm, & Toys A&C Diffenbach Auction Inc

THURS FEB 5 - Rt. 119-Gallatin Ave, Exit, Uniontown, PA Quarrick Equipment Auction, 412-439-1621.

PUBLIC AUCTION

TUES., JAN. 20, 1998
10:00 AM

RITTLE'S IGA STORE
MAIN STREET, LEOLA, PA (RT. 23)

SELLING:
Shelving, Walk-In Cooler,
Meat and Bakery Department
Self-Contained Coolers
Watch Next Week For Full Ad

WOLGEMUTH AUCTION (#2357)
Call Dennis
PHONE (717) 656-2947
FAX (717) 656-6011

WOODED BUILDING LOT
NEAR BOWMANSVILLE

PUBLIC AUCTION

SAT., JANUARY 24, 1998

Auction Time 2:00 P.M.

DIRECTIONS: From Rt. 625 1 mile south of Bowmansville turn left onto Laurel Road or Rt. 625 5 mi. north of Blue Ball turn right onto Laurel Road, go 2.2 miles on Laurel, turn right onto Poplar Road, then right on Laurel Ridge to lot on right. Caernarvon Twp., Lancaster Co.

2.85 Acre Wooded Building Lot

This is a nice country lot with mature trees, gentle slope and bordered by woodland. This property is approved for an on site septic system and ready to be built on.

LOT INSPECTION: Owners will be at the lot on January 10th, 1:00 P.M. to 3:00 P.M. or call for an appointment

TERMS: 15% down payment day of auction, balance at final settlement on or before Feb. 28th, 1998.

Attorney: Michael P. Kane (717) 299-5251

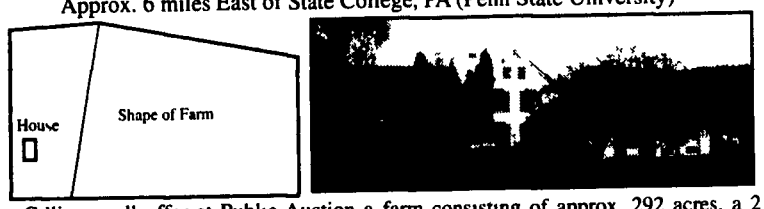
Auction By
CHESTER B. BURKHOLDER
(717) 733-7772

Aaron E Martin Auction Service
Professional AUCTIONEERING
410 West Church Rd
Ephrata, PA 17522
(717) 733-3511
AU-002280-L

FARM AT AUCTION

Saturday, January 31, 1998 at 12:00 Noon

292 Acre Farm w/House & Buildings - Centre County.
Approx. 6 miles East of State College, PA (Penn State University)



Ron Gilligan will offer at Public Auction a farm consisting of approx 292 acres, a 2 story frame home consisting of 4 bedrooms, 2 car garage, & 2 barns. To get to this property from East of State College, PA - Take Rt 322 East from Harrisburg to Potters Mills, PA (Centre Co.) & continue Left (still on Rt. 322) toward State College State College Elks Country Club Golf Course will be on Right Make Right onto Township Road through Country Club to intersection & make right - go approx. 100 yards & make left at Ron Gilligan Auction Sign. Follow signs through Linden Hall to farm.

This is a very nice farm w/very long fields of mostly limestone soil, no fence rows, & lays very nicely It is currently being farmed, but could be developed. There is a large laminated double corn crib shed approx. 36' x 100', large modern Hipp roof barn, approx. 10 years old, large poured concrete silo w/Badger silo unloader, Jamesway 100' tapper board feeder. Currently set up for a beef operation To see or for more information call Ron: 814-237-0189.

Terms: 10% Down, Balance in 45 days
Sale by: Hugh Wilson
Auctioneers: Ron J. & Ron S. Gilligan #AU339L & #AU3430L.
All oral information day of auction takes precedence over all written ads

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

FRI FEB 6 - Loysville, Pa Herd Dispersal By Dave Roth Kling's Auctions, Inc 717-789-3883

SAT FEB 7 - Mel's Stables, 834 Wallace Rd, New Holland, Lanc Co, PA Horse Sale Mel Hoover, Auct. 717-354-8397

SAT FEB 7 - 9AM Keystone Auto Auction, Exit 28, off Rt 81 in Grantsville, Pa Auto Auction Keystone Auto Auction

SAT FEB 7 - 9:30AM 1-1/4 mi W of Beaver Springs, along Ridge Rd, Snyder Co, PA Horses, machinery & some Hh goods By Steven J & Lean Yoder Mark Glick, Auct

MON. FEB 9 - 10AM 100 W Jackson St, New Holland, Lanc Co, Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES. FEB 10 - 9.30AM 3 mi S of New Holland, turn off Rt 23 to Peters Rd to Hollow Rd, turn R, 1st farm on R, Lanc Co, PA Full line of farm equipment, shop equipment & Hh goods. By Aaron B Lentz Robert E Martin & Sons, Aucts

WED FEB 11 - 9AM Farm machinery, 6 head top mules By Samuel & Mary Ann Esh Steve & Steve Jr Petersheim, Aucts

THURS FEB 12 - Loysville, Pa Cattle & farm machinery By Bill Rice. Kling's Auctions, Inc, Landisburg, Pa 717-789-3883

FRI FEB 13 - 9AM 100 W Jackson St, New Holland, Lanc Co, Pa Tractors, farm equip, & supplies A&C Diffenbach Auction Inc

FRI FEB 13 - 12 Noon Middleburg Livestock Auct Sls, Inc Middleburg, PA Dairy Sale Clarence Shirk & John Shirk, Owners 717-837-2222

FRI FEB 13 - 1:30PM 548 Alexander Spring Rd Carlisle PA State graded feeder pig sale Carlisle Livestock Market Inc 717-249-4511

MON FEB 16 - 10AM 100 W Jackson St New Holland, Lanc Co, Pa Hay grain & straw auction A & C Diffenbach Auction Inc

MON FEB 16 - 11AM Chest Springs (Altoona area), Cambria Co, Pa Complete potato & grain farm equip auct By Mr & Mrs Wayne Ivory Pirrung Aucts Inc 716-728-2520

TUES FEB 17 - 548 Alexander Spring Rd Carlisle, PA Fed Cattle Sale Carlisle Livestock Market Inc, 717-249-4511

TUES FEB 17 - 9AM 5 mi SW of Quarryville, take Rt 222 S of Quarryville to Scotland Rd W 1/4 mi to Conowingo Rd, 3-3/4 mi over three cross roads to sale on L Lanc Co, Pa Livestock, dairy equip farm equip By Leroy S Esch Abe Diffenbach & Sons Aucts 717-393-4464

WED FEB 18 - 8AM, Tack 11AM Horses PA State Farm Show Bld, Corner of Cameron & McClay Sts, Harrisburg, Pa Tack and draft horse related items, horses, mules PA Draft Horse & Mule Sale Leon Kurtz & Keth Byers, Aucts For info Elmer D Lapp, 717-859-8708 or 717-768-8177

THURS FEB 19 - Amberson, PA Farm Machinery By John Howard Kling's Auctions, Inc, 717-789-3883

SAT FEB 21 - Oval, PA, 6 miles S of Jersey Shore Steppe Farm Machinery & 140 acre farm dispersal By Dave Steppe Fraley Auction Co

SAT FEB 21 - Along Wyomissing Rd, 1/2 mi off Rt 625, approx 6 mi S of Reading & 4 mi N of hte village of Bowmansville, Berks Co, PA Farm implements, personal property, Hh goods, tools, antiques & guns By Juliane Fox LeRoy S Horst & Paul W Horst, Aucts.

SAT FEB 21 - 9AM Keystone Auto Auction, Exit 28, off Rt 81 in Grantsville, Pa Auto Auction Keystone Auto Auction.

SAT FEB 21 - 9:30AM, Tack 11AM, Horses Belleville Lvst Mkt, Belleville, PA Horse Sale For more info Gene Glick, 717-667-2703 or Sale Barn, 717-935-2146

SAT. FEB 21 - 10AM Vintage, PA. Farm machinery, 4320 JD diesel, 3970 JD harvester, JD husker, etc. By Lewis H. Denlinger. Petersheim Auction Service

MON FEB 23 - 10AM 100 W Jackson St, New Holland, Lanc Co, Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc.

TUES FEB. 24 - 9AM Full line farm machinery, 6 head good mules By Jonas & Lydia Smoker Steve & Steve Jr Petersheim, Aucts.

AUCTION

Sat., Jan. 10, 1998 at 10 AM

Located at 632 Elysburg Road (Route 54). 6 Miles from Bridge in Danville, 1-3/4 miles from Light in Elysburg.

Household - Antiques
Collectibles - Riding Mower
Meat Grinder - Meat Slicer - Old Toys - Milk Bottles - Barbie Dolls

-Brief Listing-

5 Piece Birdseye Maple Bedroom Suite, Chrome Dinette Set, Corner Table, Picnic Table, Elec. Snowshovel, Computer Desk, **Double Recliner Sofa w/Matching Love Seat,** Lamp Stand, Baby Crib, 30 Ft. Aluminum Extension Ladder, Large Cedar Chest, Exercise Bike, Gas Grill, Small Desk, Electric Roaster Oven, Wringer Washer, **Bernelli Accordian, 12 Hp Cub Cadet Riding Mower,** Two Older Sears Riding Mowers, 3 Section Gangmower, Lawnroller, Gas Power Edger, Lawn Cart, Weed Eaters, Baskets, Many Berry Baskets, Electric Mixers, Hand & Garden Tools, **Oak Chest of Drawers,** Oak Serpintine Chest of Drawers (Painted), Farm Bell, 1930's Table Radios, Round Top Trunks, Kerosene Lamps, Stoneware Bowls, Copper Bucket, Stilyard Scales, Kraut Cutters, **Roy Rogers Thermos,** Kit Carson Gun, Wooden Tub, Halloween Items, Two 1950's **Barbie Dolls,** Tonka Metal Dozer, Musical Sweeper, **Rolmonica Music Roll w/8 Rolls,** Postcards, Metal Jr Typewriter, Children's Books, Ballerina Clock, Glass Butter Churns, Old Dolls, Celluloid Animals, **Old Auto License Plates 1922, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32,** Carpet Beater, Drying Rack, Quart Milk Bottles from Shamokin, Harrisburg, East Malta, 1/2 Pint Milk Bottles from Mt. Carmel, Shamokin, Wooden Ironing Boards, **Depression Glass, Patten Glass,** Small Wooden Table, White Granite Coffee Pot, Yellowware Banded Bowls, Crocks, 1920's Kitchenware, Old Flatware, Old Reading Beer Tray Man w/Dog, **Halls Autumn Leaf China,** Plates, Cups, Saucers, Coffee Pot, Tea Pot, Pitcher, Casserole, Platters, Vegetable Dish, Gravyboat, Custard Cups, Bowls, Iris & Herring Bone Pitcher & Glasses, Green Glass Canning Jars, Plus Other Toys, At Least 25 Boxes of Stuff Unopened at Time of Listing, Hobart 1/2 Hp Meat Grinder, Manual Meat Slicer in Excellent Condition. Sausage Stuffer on Stand, Butcher Knives, Pressure Cooker, Sets of Dinnerware, Bedding, Large Amount of Kitchenware, Roaster, Canners, Cookbooks, Metal Glider, Chicken Crate, Many Canning Jars, Material, Glassware

Bundle Up and Come See
Bad Weather Date will Be January 24

Terms Cash, Travelers Check, Personal Check if Known by Auctioneer or Seller. Heated Tend if Needed.

Seller
Blanche Girardi

Auctioneers:
Joe Kinn, AU00492L, Danville, PA
Jr. A.C. Moyer, AU00640-L, Lewisburg, PA
275-0635
27 YEARS OF AUCTION EXPERIENCE

PUBLIC AUCTION

Farm Equipment
Few Household Goods
MON., JAN. 19, 1998 @ 9:30 AM

Located: 3-1/2 Mile south of Jefferson, PA - York County on Rt. 516 turn west on Miller Road go approx. 1 mile, farm on right (red chicken house), or off Rt. 216 - Brodbecks, turn east on Stone Church Road, go to Miller Road and turn left, go approx. 1 mile to farm on left. Watch for Signs!

FARM EQUIPMENT

J.D. 4020 Diesel Side Console w/Cab, J.D. 2010 Utility Gas w/J.D. 36 Hydraulic Loader, Manure Bucket for Loader, Allis Chalmers 310 Tractor-Not Running, J.D. 336 Baler w/Kicker-Very Good, J.D. 640 Roto Bar Rake with Dollie Wheel, J.D. 42' Elevator w/Electric Motor, J.D. 1110-12' Transpot Disc, Brillion Cultipacker, Brillion Transport Harrow, J.D. 4X Semi-Mtd. Plow, Int. 9 Tooth Chisel Plow, J.D. 480 Haybine, Thrower Wagon with Wooden Sides, J.D. 3 pt. 6' Blade, J.D. Tool Bar 3 pt. Corn Planter, Papec Grinder Mixer, McCurdy Gravity Bin Wagon, Hawk Built 170 Tank Spreader, Int. 13 Disc Grain Drill, Century, Trailer Sprayer w/300 Gal Tank and Booms, Herd 3 pt. Seeder, Aluminum Extension Ladder, J.D. Hydraulic Cylinder, J.D. Front Weights, McCulloch 14" Chain Saw, Electric Leaf Blower, Hydraulic Jack, Electric Cords, Tire Chains 14.9 x 28, Misc. Farm Items - Not Many.

HOUSEHOLD ITEMS

Upright Freezer, Lounge Chair, Colored TV, Glassware, Pots and Pans, Canning Jars, Wooden Window Sash, Stereo and Radio, & Other Misc. Items.

This auction will only last approx. 2 hours. Not many small items - **Please Be On Time!**

Terms: Cash or Good Check

Seller:
Wilbur & Ruth Gallagher
717-235-1761

AUCTION CONDUCTED BY:
Rentzel's Auction Service
Emigsville, Pa
717-764-6412
PA Lic. #761

AUCTION SALE

BUILDING MATERIALS, CARPET FLOORING, RETAURANT EQUIPMENT
$75,000.00 FURNITURE INVENTORY
AND MUCH MORE!!!
TUESDAY, JANUARY 6, 1998 - 10 A.M.

ON OUR PREMISES

1825 E. BOSTON AVENUE, PHILA., PA

****

■ CARPET, FLOORING, TUBS, SHOWERS, JACUZZI ■

■ LOCKSETS, NAILS, MOLDING, MIRRORS, ETC. ■

145 Rolls Plush, Berber, Industrial Carpet (12' to 15' W - 10' 5o 75' L), Area Rugs, Vinyl Flooring up to 150' L, Vinyl & Ceramic Tile, Pre-Finished & Unfinished Flooring, 25 Kohler Cast Iron Tubs, Tub & Shower Stalls, Shower Surround & Tub Kits, Pedestal Sinks, Jacuzzi, 200 Bed, Bath & Passage Locksets, 16,000 Lb Nails, 7'-8' Casing & Asst. Sizes Molding, Mortar Mix, 2'x4' Fluorescent Light Fixtures, Beveled & Plate Glass Mirrors

■ DOORS, WINDOWS, CABINETS, PANELING ROOFING, ETC. ■

Pre-Hung Steel & Pine Doors, Colonial, Bi-Fold & Storm Doors, Double Hung & Picture Windows, Kitchen Base & Wall Cbinets, Vanity & Medicine Cabinets, 1/2" to 3/4" Plywood, Particle Board, 300 Sheets Paneling, 800 Roll Roofing Paper, Shingles (Black, Brown, Red, Tan & White)

■ RESTAURANT EQUIPMENT, WELDING MACHINE ■

■ AIR COMPRESSOR, PALLET JACK ■

4 Taylor 632 Soft Serve Ice Cream Machines, Garland 6-10-14 Natural Gas Convection Oven, 2 Roundup Counter Top Steamers, Star Fudge/Cheese Warmer, Pasta Perfect Deep Fryer, 2 Airco Pulsed Arc Welders w/Feeders, Lincoln Ideal Arc R3R-300 Stick Welder, Airco PA3A Pulsed Arc Welder, Hobart 300 Amp Stick Welder, Ingersoll Rand Air Compressor, Electric Pallet Jack

■ NORDIC TRACK, ASST. MERCHANDISE, AUTO A/C MDSE. ■

■ $75,000 FURNITURE INVENTORY ■

7000 VCR Dust Covers, Silk Flowers, Candle Ring, Monitors & Keysboard, Tape, Tarp Straps, Fire Extinguisher, Snow Plows, Truck Body, Slot Machines, TV's, VCR, Coils, Radiators, Hoses, Blower Motors, Cruise Control Kits, **$75,000.00 Furniture Inventory Removed to our Premises for Convenience of Sale Comprising of:** Sofas, Loveseats, Recliners, Chairs, Tables, Bedroom Suites, Lamps, Framed Prints, Bookcases, Entertainment Centers, Boxsprings, Mattresses

INSPECTION: MONDAY, JANUARY 5 - 9 A.M. - 4 P.M.
TERMS. CASH OR CERTIFIED FUNDS-25% DEPOSIT REQ $100 00 MIN)

****

Established in 1834
COMLY Auctioneers
WM F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500 FAX (215) 634-0496
PA Auctioneers
License No. RY000087-L

PUBLIC AUCTION

Thursday, January 29, 1998
Horses, Lumber, Farm Equipment & Household Goods

9:00 A.M. **9:00 A.M.**

Location: Take 147 South of Sunbury (approx. 14 miles) to 225 North to 2nd cross road left to Y stay left to sale on right or from Berrysburg take 225 North to 147 intersection (approx. 13 miles) take 225 North to 2nd cross road left to Y stay left to sale on right.

Horses

1 pr. 9 yr. old dapple gray Percheron Geldings, good broke top pair
1 pr. 11 yr. old Sorrel Geldings with white faces
12 yr. old Black lead horse Gelding
9 yr. old Black lead horse Gelding
9 yr. old Bay Mare works anywhere with snap
8 yr. old Mule works anywhere
Broke to all farm machinery.

Horse Related Items

Spring Wagon Carriage, 8 Sets Front Gears, 20 Collars, 15 Bridles, 5 Pair Check Lines, Jockey Sticks, 1 Set of Driving Harness, 2, 3, 4, 5 & 6 Horse Hitches,

Lumber

70 - 10 ft to 17 ft. Tobacco Rails

Farm Equipment

New Holland 276 Baler with Wisconsin Engine (just rebuilt), New Holland 455 Mower (good condition), 402 New Holland Crimper (good condition), New Holland 55 Rake, Grimm Tedder, 3 Flat Wagon, 7 ft Roto Beater with 4 Cylinder Petter Diesel, 34 ft New Holland Elevator, 12 in 2 Bottom Oliver Trailer Plow, 14 in, 1 Bottom Trailer Plow, New Idea 206 Manure Spreader just rebuilt, McCormick Deering 1 Row Corn Binder with 11 H.P. Honda Engine and Loader, New Idea 1 Row Transplanter, Grain Drill, 10 ft. Cultipacker, 7 ft. Double Roll Cultipacker, 24 K.B.A. Disc, 7 ft. Cultipacker, 3 Section Spring Tooth Harrow, McCurdy Gravity Bin, McCormick Deering One Row Cultivator, 4 - 12 Ton Feed Bins (like new), Cattle Chute with Head Gate, 275 Gal. Gas Tank with Pump, Potato Plow, Worthington 10 H.P. Air Compressor (like new), 3000 P.S.I. Pressure Washer with 11 H P Honda Engine, VF4 Wisconsin Engine with Clutch Reduction & Hydraulic Pump, Forecart with 3 point Hydraulic Hookup, 6 ft. 3 point Scraper Blade, 371 Detroit Diesel with Clutch Reduction 81 H P, 1 Auto Turn Fore cart, 3 Forecarts, Ground Drive Potato Digger.

Small Items

3 - 12 Volt Fencers, Chain Hoist, Solo Mist Sprayer, 110 Gal. Poly Tank, Swivel Vise, Stewart Air Clipper, 3 Compartment Paradise Tobacco Press with Air Cylinder, Fence Posts, Forks, Brooms, Shovels, Ridgid Tripod Pipe Vise, Ridgid Pipe Cutter, Ridgid Pipe Threader, Tobacco Shears, Tobacco Spear, Hydraulic Unit, 14 - Dietz Kerosene Lights, Handyman Jack, Feed Carts, Wheelbarrows, 10 Shenandoah Gas Brooders, Chicken & Turkey Waterers & Feeders & Nests, Water Troughs, Air Saber Saw, Bostitch Trim Stapler, Bolt Bin, Snap on Air Drill, Air Impact Wrench, Milk Cans

Household Goods & Antiques

Ettinger Farm Milk Bottles, Lykens Dairy Milk Bottle & Other Bottles, 10 - Crocks 1 to 5 Gal., 21 Oak Chairs, Berry Boxes, Books.
3 Wagon Loads Small Items. Equipment is shed kept and in good condition.

Also Selling For Elam Esh

Allis-Chalmers 190 Series III Diesel Tractor on Steel Overhauled 2 Yrs. Ago, 8 ft. Dry Hills Pit Pump (like new), 10 ft. x 10 ft Cottage Shed, 8 ft. x 10 ft. Quaker Shed, 3 - Porta-A-Hut Calf Hutches, 5 - 24 in. Fans with Hydraulic Motors, 4 Cylinder Engine, Gravity Bin on Steel Wheeled Gear, Scenic Rd. Feed Cart, Silage Cart.

Terms by
David B. & Naomi K. Smucker
R.R. #2 Box 365
Herndon, Pa. 17830
Northumberland County

Cash or Honorable Pa. Check Only
All Announcements Sale Day Take Precedence Over All Advertising
Not Responsible for Accidents
Food on Premises
Auctioneer: Mel Hoover AU-003111-L
354-8397 Home **354-6431 Barn**

Public Auto Auction

EVERY MONDAY & THURSDAY
AT 5:00 PM

OVER 1000 CARS & TRUCKS AUCTIONED WEEKLY

Vehicles From -
Bank Repossessions, Dealer Trades,
Drug Confiscations, and Off Leases

1200 Ridge Pike - Conshohocken, PA

Carriage Trade Auto Auction

Exit 7B off the Blue Route, Just Minutes From Plymouth Meeting Mall

For More Information Dial 215-CAR-SALE

2.3 ACRE BUILDING LOT NEAR SCHOENECK

PUBLIC AUCTION

SAT., JANUARY 24, 1998

Auction Time 10:00 A.M.

From Rt. 272 at Ephrata take Schoeneck Rd. through Schoeneck, turn left onto Sandy Hill Road to lot on right, West Cocalico Township, Lancaster Co., PA.

This 2.3 acre lot is approved and ready to be built on. Lot dimensions are 239' x 412' x 246' x 412' and is presently bordered by farmland. Also has a country setting with a gentle slope. Approved for on site septic system.

LOT INSPECTION DATE: Owners will be at the lot on January 10th, 1:00 P.M. to 3:00 P.M. or contact the auctioneer at 733-3511 for an appointment.

TERMS: 15% down payment day of auction, balance at final settlement on or before March 2, 1998.

Attorney, Michael P. Kane (717) 299-5251

Terms by

DENNIS R. MARTIN

Ph. 717-335-3421

AARON E MARTIN Professional AUCTIONEERING AUCTION SERVICE

AU-002390-L

410 West Church Rd
Ephrata, PA 17522
(717) 733-3511

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

JAN. 5, 1998 @ 3:00 PM

General Household Sale

Murry Auction Emporium

23 North Water Street, Lititz, Lanc. Co., PA

Glassware, selection of English Collectibles, large set of Avon Cape Cod, art books, TV's, Singer sewing machine, room size braided rug

Furniture: Marbletope coffee table, Lane cedar chest, sofa bed, high chair, recliner, lots more.

3 aluminum storm doors, Bolens mulching mower, Craftsman electric drill, tools. Lots of box lots!

Jan. 12 - Equipment & Gen'l Auction

Jan. 19 - Antique Auction

Jan. 26 - Toy Auction

Now accepting consignments for March Antique Auction

10% Buyer Premium

E.M. Murry Associates

LICENSE NO. 649-L
(717) 626-8175 or (717) 626-2636
FAX (717) 627-6757

23 North Water Street
Lititz, Pennsylvania 17543
APPRAISERS and ADVISORS

PROFESSIONAL AUCTIONEERS

Dairy and Livestock Sales

TUES FEB 24 - 9AM 2 mi S of Quarryville, just E of Rt 472 at 1122 Dry Wells Road, Lanc Co , Pa Livestock & farm equipment By Ammon S Fisher Abe Diffenbach & Sons, Aucts. 717-393-4464

TUES FEB 24 - 9AM. 249 Meadow Valley Rd , Ephrata, Lanc. Co , Pa Late model farm machinery & tractors By Edwin Horning & Sons, 717-733-7408 Rentzel, Brown, Goodnch, Aucts

THURS FEB 26 & FRI FEB 27 - 8 30AM 10 mi E of Lancaster, 2-1/2 mi W of New Holland Turn off Rt 23 on S Groffsdale Rd , L on Musser School Rd , Lanc Co , Pa 2 Day Public Auct of antique tractors, engines, new, used & abused farm equip By Elias S & B John Beiler Bob & Dennis Wolgemuth, Robert, Jeffrey, & Michael Martin, Randall Ranck, Ed Goodnch, Jr , Aucts

FRI FEB. 27 - Gardners, Pa Farm machinery By Lee Deputy Kling's Auctions, Inc., Landisburg, Pa 717-789-3883

FRI. FEB 27 - 1:30PM 548 Alexander Spring Rd , Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc , 717-249-4511

SAT FEB 28 - Millersburg, Pa Farm machinery By Marlin Miller Kling's Auctions, Inc , Landisburg, Pa 717-789-3883

SAT FEB 28 - 8 30AM - Tack 11AM Horse Sale Middleburg Lvst Auct Sls Inc , Middleburg, PA. Clarence Shirk & John Shirk, Owners 717-837-2222

SAT FEB 28 - 9AM Vineland-Bridgeton Pike (Rt 56), W of Rainbow Lake, Pittsgrove Twp , NJ Tractors, farm equip , lawn & garden equip., shop tools, light ind , & const equip By Schaper Bros Wolgemuth Auction

SAT FEB. 28 - 9AM 2 mi E of Aaronsburg, on Rt 45, turn N in farm lane, Centre Co , PA Farm machinery, Hh goods & some old items By Mrs Noah H (Emma) Hostetler Mark Glick, Auct.

SAT FEB 28 - 9 30AM Farm machinery, 3 tractors, JD 4430, 4022, 1020, D2 Catapillar, 5209 discbine, new in '93 By Bill & Kitty Jane Shepherd Steve & Steve Jr Petersheim, Aucts

JANUARY

SAT JAN 3 - Route 349, Sabinsville, Tioga Co , Pa Complete farm dispersal, 104 head of Holsteins cattle, machinery & equipment By B and B Dairy Farm Beards Auction, Aucts

SAT JAN 3 - 9AM Keystone Auto Auction, Exit 28, off Rt 81 in Grantsville, Pa Approx 400 repos's & off lease vehicles Keystone Auto Auction

SAT JAN 3 - 9AM 687 Oxford Ave , Hanover, Adams Co , PA Combine, tractors, farm equip , etc By Ed & Carolyn Murren Randy Hilker, Auct

SAT JAN 3 - 9AM Rt 5, 2 mi East of Batavia, NY AG tractors, lawn tractors, compact tractors & farm machinery By Tri County Tractor of Batavia Roy Tertsworth, Inc , Aucts

SAT JAN 3 - 9AM Going S on Rt 113 from Milford, DE, R at Fitzgerald's Aucto Salvage (Rd 207), W 1/2 mi, farm on L. Tractors, combines, trucks, farm & irrigation equip At approx 2PM - Loaders, trucks & trailers By Robert Fitzgerald & Delaware Pulpwood Co. Wilson's Auction Sales, Inc

SAT JAN. 3 - 9AM 319 Dover St , Manheim, Lanc. Co., PA Real estate, 1997 Plymouth Neon Expresso, antiques, china, furniture, & personal prop By Donald W Hoffman Estate Witman Auctioneers Inc

Clip & Save

NEW HOLLAND SALES STABLES, INC.

101 W. Fulton St., New Holland, PA 17557

Sales Every Monday, Wednesday & Thursday

1998 SPECIAL SALES 1998

Fri., Jan. 23	10 AM	Horse Sale
Fri., Feb. 6	10 AM	Horse Sale
Fri., Feb. 20	10 AM	Horse Sale
Fri., Mar. 6	10 AM	Smucker Mule Sale
Fri., Mar. 20	10 AM	Horse Sale
Fri., Apr. 3	10 AM	Horse Sale
Sat., Apr. 18	10 AM	Horse Sale
Fri., Apr. 24	6 PM	Feeder Cattle Sale
Sat., May 2	10 AM	Dairy Heifer Sale
Fri., May 8	6 PM	Feeder Cattle Sale
Sat., May 16	10 AM	Horses & Mules
Fri., May 22	6 PM	Feeder Cattle Sale
Sat., June 6	10 AM	Dairy Heifer Sale
Sat., June 20	10 AM	Horse Sale
Sat., July 18	10 AM	Horse Sale
Sat., Aug. 15	10 AM	Horse Sale
Sat., Sept. 12	10 AM	Dairy Heifer Sale
Sat., Sept. 19	10 AM	Horse Sale
Fri., Sept. 25	6 PM	Feeder Cattle Sale
Sat., Oct. 3	10 AM	Dairy Heifer Sale
Fri., Oct. 9	6 PM	Feeder Cattle Sale
Sat., Oct. 17	10 AM	Horse Sale
Fri., Oct. 23	6 PM	Feeder Cattle Sale
Wed., Oct. 28	10 AM	Dairy Show & Sale
Fri., Nov. 6	7 PM	Horse Sale
Fri., Nov. 13	6 PM	Feeder Cattle Sale
Thurs., Nov. 26	THANKSGIVING	No Sale
Fri., Nov. 27	10 AM	Beef Sale
	6 PM	Feeder Cattle Sale
Fri., Dec. 4	7 PM	Horse Sale

For more information

Sales Barn Office

Roger Floyd - Off. Mgr. Fax **Norman or David Kolb**

717-354-4341 717-355-0706 717-397-5538

Field Reps

Luke Eberly 717-738-1865 Ken Smoker 610-593-2123
610-267-6608 Goats, Sheep, Calves
Homer Eberly 610-267-3047 Paul Good 717-445-6662
Ron Ranck 717-656-9849 Paul Snyder 717-733-7052
Nevin Martin 717-354-7816 Don Welk 717-687-7475

Please Clip This Calander For Your Convenience for 1998

Thank you ... New Holland Sales Manager

Clip & Save

"Horst Auction Center"

PUBLIC SALE

Fine Antiques
Household Goods
Primitives, Tools
Hit & Miss Engine
1938 Nash Coupe

Sat. Jan. 10, 1998 at 9 A.M.

Car at 2 P.M.

Sale to be held at the Horst Auction Center located at the corner of Rt. 322 and Durlach Road (approx. 2-1/2 miles west of Ephrata, parking lot entrance is located on Durlach Road, just north of the traffic light) Ephrata, Lancaster County, PA.

FURNITURE: Walnut Chippendale Chest of Drawers, Pin Top Bench Table, Wood Chest, Jelly Cupboard, Windsor Chair; Shopmasters Desk; High Chair, Child's Rocker, Rope Bed, Washstand, Spinning Wheel; Yarn Winder, **Oak - Fine 3 Pc. Bedroom Suite** (w/high bed), (2) - 3 Pc Bedroom Suites, Knockdown Wardrobe, Fine Sideboard, Round Pedestal Ext Table, Fine Set of 6 Chairs, Morris Chair; Sq Ext Table, Lampstands; Dropfront Desk, Treadle Sewing Machine; Pressed Chairs & Rockers; Victorian Rocker, (2) Mah. China Closets, Mah. Lampstand, Piano; Piano Stool, Limed Oak Bedroom Suite; Box Spring & Mattress, Formica Top Breakfast Set; Living Room Suite; Hide-A-Bed.

APPLIANCES: Refrigerator (like new), Microwave, Maytag Wringer Washer (sq tub), Dehumidifier, Cookware, Sweeper, Seth Thomas Clock, Carousel Projector; **Singer Featherweight Sewing Machine;** Rayo Light, Antique Hanging Light; Iron Floor Light, Color T.V , Floor Radio; Old Table Top Radios; Radio Tubes, **Musical Instruments-** Fender Acoustic Guitar; Tenor Banjo, Sergova Elec. Guitar; Orpheum Elec. Mandolin; Violin, Brass Hand Bell; Flat & Sad Irons; Butcher Utensils, Tinware-Lanterns, Candle Mold, Adv. Boxes, Eagle Butterprint; Pewter Whale Oil Lamp.

CHINA & GLASSWARE: **Fine 4 color Spatter Rainbow Pitcher;** Flow Blue, Soft Paste; 6 Lustre Cups & Saucers, Pitcher & Bowl Set; Ironstone; Majolica; Transfer China, Copper Lustre, Redware, Figurines, Jardiniere, Bennington, Decorated Stoneware Batter Jug & Crock, Pressed & Pattern Glass; Purple Slag Glass, Mercury Glass; Bristol Glass, Wine Set; Depression Glass, Set of Stemware, Milk Glass Bureau Set, Carnival Glass, Kerosene Lights; Dated Jars

LINENS: Quilt; Sewing Basket, Beader Purse; **Fine Decorated Weber Box** (green), Color, w/House & Trees, **Sm. Weber Type Slide Lid Spice Box** (w/green color & flower), **Sm. Weber Type Doll Cradle** (orange color w/flowers), Books-Weaver Bible; Cookbooks, **Toys-Antique Jointed Teddy Bear;** Wooden Whimsy, Paper Mache Rabbit, Min Jelly Cupboard, Tin Horse Pull Toy, **Cast Iron-** Paddle Boat, Horse & Wagon; Train, Antique Marbles, Old Baby Walker

TOOLS: **Troy Bilt "Horse" Roto-Tiller** (like new), Riding Mower, Chain Saw; Platform Scales, Antique Tools; Lg Anvil., Leg Vise; Many Wooden Planes, Slating Tool, Mitre Box; Wooden Clamps; Auger Bits, Adze, Brace, Hand Drill Press; Glue Pots; Sprinkling Cans; Shaking Fork; Tobacco Size Racks & Bale Box, Enterprise Sausage Stuffer; Wooden Butter Churn; Arrow Points; Fishing Rods; Fishing Licenses, Wooden Barrels; Milk Cans; Wooden Wheel Barrow, Mountville Corn Sheller, Straw Cutter; **Antique Hit & Miss Engines** (Monarch 3 h.p.); sm. Fairbanks-Morse; **1938 Nash 2 Door Coupe** (straight head six engine; needs restored, in original condition).

***No Out of State Checks Without Prior Approval.**

HORST AUCTS.

T. Glenn
Timothy G.
Thomas A.

AU438L
(717) 859-1331 • (717) 738-3080
Fax # (717) 738-2132
"VOICES OF EXPERIENCE"

"Horst Auction Center"

PUBLIC SALE

Antiques, Household Goods, Car, Collectibles & Tools

Wed., Jan. 7, 1998 at 2 PM

Sale to be held at the Horst Auction Center located at the corner of Rt. 322 and Durlach Road (approx. 2-1/2 miles west of Ephrata, parking lot entrance is on Durlach Road, just north of traffic light) Ephrata, Lancaster County, PA.

FURNITURE: Walnut Dropleaf Table; Min. Walnut; 6 Plank Bottom Chairs; Decorated Boston Rocker & Nursing Rocker; Decorated Barroom Chair; **Victorian** - Marble Top Table; Marble Top Washstand; Spool Washstand & Softwood Washstands; Needlepoint Chair; Cedar Chest; Round Oak Extension Table (Pedestal Type w/Claw Feet); **Fine Cherry Henkel-Harris Bedroom Suite;** Maple Bedroom Suite (Sprague-Carleton); Chest of Drawers; Mahogany What-Not Shelf; **Pine** - Dresser; Cobblers Bench; Sm. Walnut Grandfathers Clock; Fine Sofa; Fine Pair of Swivel-Rockers; Maple & Oak Glider-Rockers; Box Springs & Mattresses; Porch Furniture; Dough Box on Stand; Bench; Footstool; Porch Swing; Wicker Plant Stand.

APPLIANCES: Side X Side Refrigerator; Auto Washer; Wringer Washer; Microwave; Dehumidifier; VCR; Color TV; Cookware; Ice Cream Dipper; Iron Fry Pans; Daneker Shelf Clock; **Fine Antique Hanging Light;** Fine Cranberry Hall Light; Slag Glass Lamp; Lamps; **Tinware** - Teapot; Tiger Chewing Tobacco; Lantern; Decorated Tinware & Trays; Antique Lunch Kettles; Adv. Boxes; Copper Wash Boiler; Brass Butcher Utensils; Brass Handbell; **Iron Doorstops** (Monkey, Hubley Cat, Aunt Jemima, Airedales, Bulldogs, Pointers, Dogs & Cats, Horse & Wagon w/Driver, Flat Irons; Budweiser Beer Wagon.

CHINA & GLASSWARE - Stick Spatter Brush Stroke Platter; Clews Historical Blue Pitcher; Pink Lustre Ironstone Pitcher & Bowl Set; Historical Blue Plates; George & Martha Washington Platter; Store Plates; Chocolate Pot; Poppy Trail Canister Set; Oriental Teapot; Bone China; Jardinieres; Slipware Plate; Stoneware Salt Crock; Stoneware Jars; Collection of Reproduction Decorated Stoneware; Opalescent Hobnail; **Fine Glass Paperweights;** Ruby Souvenir Glass; Pressed & Pattern Glass; Heisey Covered Jar; Enameled Glass; Blown Glass; Cranberry Glass; Coin Glass Lamp; Opalescent Lamp.

LINENS: Quilts; Jewelry; Sewing Box; Dolls; Games & Toys; Antique Splint Baskets; Wood Band Box; Walnut Hanging Box; Books (Childrens); Artwork Prints; Carved Shore Birds; Duck Decoys; Pocket Watches; Santa Tin.

TOOLS - **Honda HT-R 3009 Riding Mower** (w/Rear Bagger, Like New); Ladders; Hand Tools; Sled; Express Wagon; Sprinkling Cans; Quoits.

CAR: 1991 Ford Escort, Excellent Condition.

No Out-of-State Checks Unless Accompanied By A Current Bank Letter or Prior Arrangement with Auction Service.

HORST AUCTS.

T. Glenn
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Fax # (717) 738-2132
"VOICES OF EXPERIENCE"

PUBLIC AUCTION

Tuesday, January 6, 1998 @ 9:30 A.M.

Farm Machinery - Five Heads Sorrel Mules
Gehl 800 Harvester - 8520 Int. Baler
Kuhn Rake Ground Drive - 2 Standard Bred Trotters - Milking Equipment - Sputnick

Auction held for: Jacob & Suvilla Lapp

On the farm in Lancaster Co., PA, 2 miles West of Intercourse on Old Leacock Rd , 1 mile North of Gordonville.

MULES - HARNESS - HITCHES

Six yr old 17 hands; Two 8 yr old, Two smooth mouth, 7 yr old Trotter, 10 yr old Trotter (both safe and sound, ready for on the road); 7 sets of front gear Harness, double-single trees, 4-5-6 hitches, collars; bridles

FARM MACHINERY

Case Int 8520 baler completely overhauled w/2 cyl. Wisconsin engine, New Holland 456 mower w/EH25 Robin engine, like new; Lely wheel rake; Kuhn rake; New Holland crimper w/interlocking rolls, 30 ft Smoker elevator; Portable Hyd. unit; Two flat bed wagons, 16 ft with side boards; John Deere 3 section spring tooth harrow; John Disc harrow, new discs '96 ex. condition; I&J 2 row cultivator; Int. 56 two row corn planter, E L S liquid manure spreader; E.L.S. 10 ft manure pump; Gehl 800 harvester w/feeder table P T O , 4 row field weeder; 2 forecarts, 1 with steering; New Idea 206 Manure Spreader, McCormick 14" 2-way plow; 6 Minnick tobacco bale boxes, (2) compartment bale boxes

BARN-MILKING EQUIPMENT

Round bale mover w/winch; Wisconsin VH40 engine like new, 4 ft Barn fan w/Hyd motor; Lancaster Silo Co model, **Deutch Diesel** overhauled '96, Five hp air compressor, 4 De Laval milker units, 3-55 lb pails; Sputnick; Feed carts, Wagon load of small items

Lots of Homemade Food to Benefit North Humberland School.

Bring proper I.D. to obain buyers number

Auctioneer:

Petersheim Auction Service

610-593-2828

AU 001349L

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT JAN 3 - 9AM Horst Auction Center, Corner of Rt 322 & Durlach Rd , Ephrata, Lanc Co , Pa Fine antiques, primitives, Hh goods & tools By Marguerite M Jack Horst Aucts

SAT JAN 3 - 9 30AM S of Strasburg Boro, 5 mi W of Gap, 6 mi SE of Lancaster, From Gap, cross bridge (Rt 741), off Rt 41 to Strasburg Square Frp, Rt 3 30E, S on Rt 896 to Strasburg Square From square, S on May Post Office Rd , 1st farm on L Lanc Co , Pa Farm machinery -3 tractors - Hh goods, antiques, AC 175-D17 Int 689 By Daniel & Katie Fisher Steve & Steve Jr Petersheim, Aucts

SAT JAN 3 - 9 30AM 703 S Elmer Ave , Sayre, PA Building Matenals Consignment Sale Fred Siegfried Auction Service

SAT JAN 3 - 9 30AM 1963 Cato Ave , State College, Centre Co , PA Approx 22 computers & like new office furniture By Divion Technology, Inc Ron J & Ron S Gilligan, Aucts

SAT JAN 3 - 10AM 6 mi N of I 81 on Rts 11/15, midway btwn Marysville & Duncannon, PA Victorian Auction, oak & country furniture, small collectibles Leonards Auction Co

SAT JAN 3 - 11AM Bunce Farms, Kennedy, NY Machinery, 170 Hi-Grade Holsteins, produce & more By Basil & Mark Bunce Empire Livestock Inc , Don Yahn, Auct

SAT JAN 3 - 11AM 4894 Hallock Rd , Dundee, NY (Wayne area) Complete dairy herd dispersal, 95 Interstate tested Holsteins By Dolly & Albert Kauffman Pirrung Aucts Inc 716-728-2520

SAT JAN 3 - 11AM 2 mi W of Limestoneville, Pa off Rt 254 along Church Rd 5 mi E of Milton Arrows off Rt 254 at Limestoneville Farm machinery, tractors, combine, etc By Robert & Phyllis Chaapel Fraley Auction Co

MON JAN 5 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

MON JAN 5 - 10AM 6993 Phillips Mill Rd , New hOpe, Solebury Twp Bucks Co , PA Tractors, machinery, tools, lawn equip , automobile, antique thrashing machine & more By Mr Homer Schultz Robert H Clinton & Co , Inc

MON JAN 5 - 3PM 23 N Water St , Lititz, Lanc Co , PA General Household Sale E M Murry Assoc , Aucts

TUES JAN 6 - 548 Alexander Spring Rd , Carlisle, PA Fed Cattle Sale Carlisle Livestock Market, Inc , 717-249-4511

TUES JAN 6 - 9AM 157 Sinclair Rd , Delta, PA Six horses, 51 cows & heifers, farm equipment By Emanuel F & Amanda F Beiler Mel Hoover, Auct

TUES JAN 6 - 9 30AM Old Leacock Rd , Lanc Co., Pa. Farm mach , good mules, harness, milking equip , ong. Sputnick By Jacob & Suvilla Lapp Steve & Steve Jr Petersheim, Aucts

WED JAN 7 - 10AM Ridge Fire Co , along Rt 23 btwn Rt 100 & Phoenixville, PA Furniture, oil on board by Edgar Hunt, collectibles, antiques, plates, toys, canoe & more Kathy Maurer, Auct

WED JAN 7 - 1 30PM Belleville Lvst Mkt , Belleville, PA Hand Picked Canadian Cows Auction For more info Gene Glick, 717-667-2703 or Sale Barn, 717-935-2146

WED JAN 7 - 2PM Horst Auction Center, Corner of Rt 322 & Durlach Rd , Ephrata, Lanc Co , Pa Antiques, Hh goods, collectibles, & tools Horst Aucts

WED JAN 7 - 6 30PM 100 W Jackson St , New Holland, Lanc Co , Pa Winross, Hess, Farm & Toys A & C Diffenbach Auct Inc

THURS JAN 8 - 3 30PM At Carriage Corner Rest , Mifflinburg, PA Antiques, collectibles, Hh goods, & art Kenneth E Hassinger & Neil A Courtney, Aucts

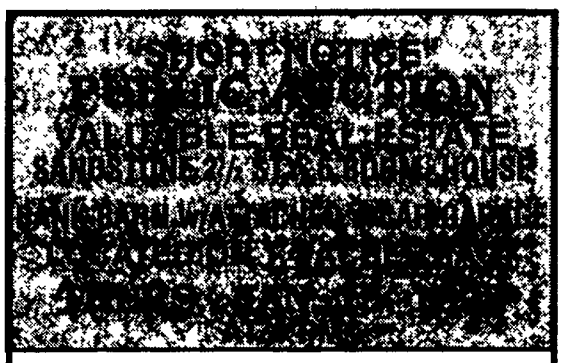
FRI JAN 9 - 9AM 100 W Jackson St , New Holland, Lanc Co , Pa Tractors, farm equip , & supplies A&C Diffenbach Auct Inc

FRI JAN 9 - 12 Noon Middleburg Livestock Auct Sls , Inc Middleburg, PA. Dairy Sale Clarence Shirk & John Shirk, Owners 717-837-2222

FRI JAN 9 - 1 30PM 548 Alexander Spring Rd , Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc , 717-249-4511

FRI JAN. 9 - 5PM & SAT JAN. 10 - 8AM 2202 Gettysburg Rd , Camp Hill, PA Hardware Store Auction By Metz & Sons. Glades Auction Co

SAT JAN 10 - 8AM Lincoln Fire Hall, rear 1438 W Main St , Ephrata, Lanc. Co., PA Round oak extension table (w/claw feet), child's push sleigh, Hh goods, antiques, power & hand tools By Mabel Kreider, Bertha Razer & others Dale L Putt, Auct



LOCATION: 850 Fivepointville Rd., Stevens, PA - (Red Run). from Rt 897 in Fivepointville take Fivepointville Rd. approx 2 mi to property on right Brecknock Twp , Lancaster County

REAL ESTATE consists of spacious sandstone w/stucco dwelling w/frame w/siding addition, eat-in kitchen w/3 yr old oak raised panel cabinets, living rm , family rm , 1st floor laundry & 1/2 bath 2nd floor has 5 bedrms & full bath Full attic & bsmt storage Oil cast-iron baseboard heat Special features include 21" wide window sills, sandstone back w/slate & brick hearth & chimney flue for coal or wood stove

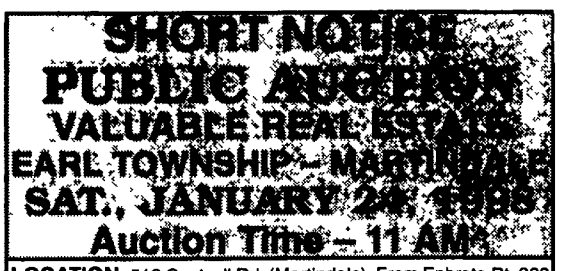
OUT BLDGS. INCLUDE – Frame bank barn w/4 box stalls, water & electric, masonary & frame 4-car garage All on large **1.4 Acre Tract** w/ lawn & garden area, pasture area for picture brochure, land plotting & details Call auctioneers at 717-445-4309 or 717-733-1006 Inspection by appointment or open house on Sats , Dec 27, Jan 3 & 10 from 1-4 PM

NOTE: Ideally located country property only 5 minutes from Turnpike Exit 21 & Rt 222 bypass Solid sandstone house w/plenty of room New Thermo replacement windows **Terms:** 10% down, balance 2/28/98 Owners relocating out of state

Terms by
JAMES N. & ESTHER MAE HURST
717-445-6990

Auction conducted by
Randal V Kline, Lloyd Kreider
Roy Good, Jr , Auctioneers
Lic #2116, #499, #513
717-445-4309

KLINE, KREIDER & GOOD
AUCTIONEERS



LOCATION: 512 Gristmill Rd (Martindale) From Ephrata Rt 322 East to traffic light in Hinkletown turn left onto Martindale Rd to Martindale At Eby's Store turn right onto Gristmill Rd to property on left Earl Twp , Lanc Co

REAL ESTATE consists of 2-1/2 sty frame w/asbestos siding dwelling w/3 bdrms , full bath, eat-in kitchen, living & family rm & 1st floor laundry Full bsmt & attic storage New oil forced air furnace Lot is approx 44'x250', on lot well & septic system

OUT BLDGS. include masonry & frame 2 sty shop & barn 46'x32' consisting of 1 lg horse stall, insulated shop area w/20 Amp electric, water & oil hot air furnace Zoned - Rural Resident Inspection by appointment or open house on Sats , Jan 10 & 17 from 1-4 PM For terms, details & pictured brochure call auctioneers at 717-445-4309 or 717-733-1006

NOTE: Property is conveniently located, economical, and with plenty of potential w/shop/barn Owners starting farming in New York This is a short notice auction and property must be sold!

Terms by
LEONARD B. & LINDA H. MARTIN
717-445-0324

Auction conducted by
Randal V Kline, Lloyd Kreider
Roy Good, Jr ,
Auctioneers
Lic #2116, #499, #513
717-445-4309

KLINE, KREIDER & GOOD
AUCTIONEERS

JD Combine - Tractor
5 Row Equipment - Trucks
AUCTION SALE & FARM

Having decided to retire from farming, Mr. & Mrs. Daniel Kurtz will offer for sale the following Farm Equipment on:

SAT. JAN. 10, 1998
Beginning at 11:00 A.M.
4520 Market St., Snow Hill, Maryland

Directions: From Norfolk take Rt 13 North across Chesapeake Bay Bridge Tunnel approx 90 miles to Rt 113 in Pocomoke City, MD. Take Rt 113 North approx 17 miles to sign that says Snow Hill, Rt 394 Follow 394 approx 1-1/2 miles to farm on right up long lane with grain tanks

300 +/- Acre Farm with 250 Tillable and 50 Acres Irrigated

For information contact Auctioneer.

John Deere 6620 Combine, Turbo, Tiger Stripe, 216 Flex Head, only 2769 hrs, 1980, hydro This combine is in very good condition **John Deere 546** Corn Head, **New 1991,** 5x36" row average, only 300 acres per year, exc cond; **Unnerferth header** cart HT-25, **5 row 36" Ridge Till Planter** w/Buffalo Frame, Coulter, depth control & sweeps, Kinsey Seed Cups & JD Depth Control Seed Openers and Press Wheels. This planting system works great, **Buffalo** 5 row 36" cultivator, 6300; **JD 4050 Tractor,** cab, air quad, only 2500 hrs, 18 4x42, 1987, **JD 4000,** side console, 8100 hrs, recent rebuild, real good shape, **1974 Intl 2050** diesel w/Cat 1150 engine & 1986 Kruger 18' Dump, 11Rx22 5, 5x2 trans, **Chandler** Manure/Lime spreader, new 1997, 16' w/lime attachment, **Intl 1250 Grinder Mixer** w/Electronic Scales, very good, **Tye Drill,** 13', 20 spout, no-till drill w/hydraulic markers, small seed attachment & V press wheels, Intl 470 Disc, 16' manual fold; **Better Built Lagoon Pump** w/Agitator PTO Model 26 on Hydraulic Lift Carriage, **John Deere 115** Frail Mower, new style, **Suksup Auto Guide; John Deere 400** Rotary Hoe, 28' hydro fold, **1500 gal poly tank;** 5x16' and 8x20' auger, Grain O Vator, Tandem axle, **AgChem Saddle Tank** w/hydro pump, **Top Air** 45' Manual Fold 3 pt sprayer boom, JD Rim 18 4x38; **Chaf Spreader** for 7720 combine, **Brillion** 13' Packer, 8 **Osbourne Big Wheel** Hog Feeders, very good cond, AC 7020, Cab & Air, Power Director, 2300 Hrs , 20 8x38 New Tires, 2 Remotes, Sleeves & Rings, 1997, AC 6080 Cab & Air, 12 Speed, 4600 Hrs, 18 4x34, Tires Good, Paint Rough, Some Misc Items in lean meter, pregnancy tester, galvanized hog gates, 3x12' and more

INSPECTION OF EQUIPMENT: Come By January 8th or January 9th

Terms Cash or Good Check Day of Sale

Auction for:
Mr. & Mrs. Daniel Kurtz

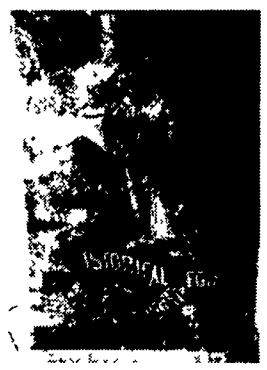
PETE RICHARDSON AUCTION SALES
P.O. Box 51
Willards, MD 21874
(410)546-2425

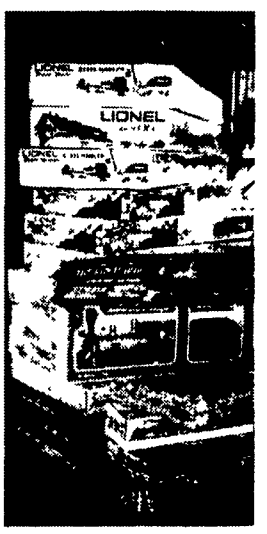
PUBLIC AUCTION

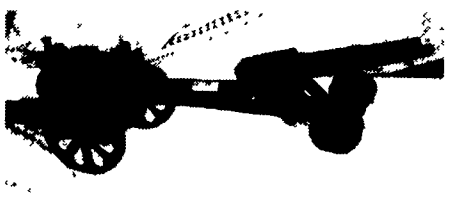
ANTIQUE TRUCKS, TRAINS, TOYS, FURNITURE
BANKS, PRIMITIVES AND MORE ON
JANUARY 10TH, 1998 at KANES AUCTION BLUE BALL, PA

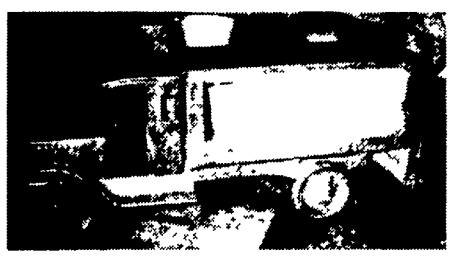
At the Blue Ball, Pennsylvania Fire Hall

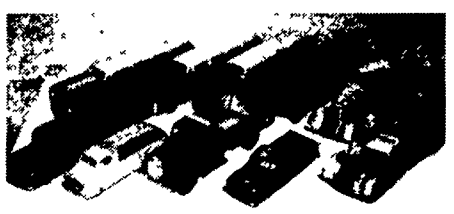
In association with MARTIN AUCTIONEERS INC. Paul Z. Martin Jr. President
P.O. Box 99, New Holland, Pa.

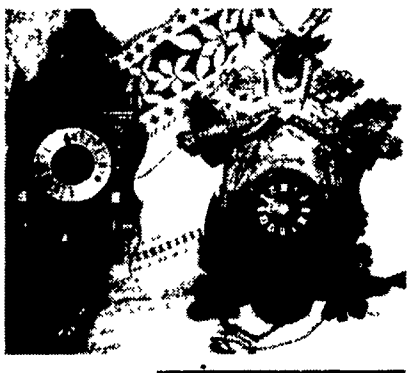


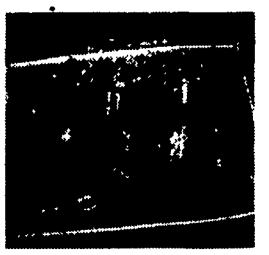












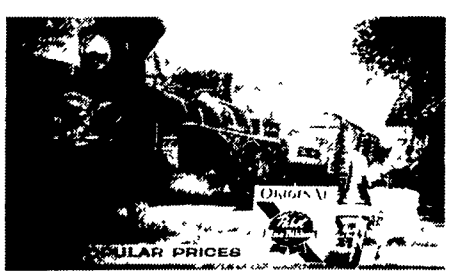
AN ABSOLUTE AUCTION AND SINGLE OWNER SALE
OVER 1000 ITEMS TO BE SOLD WITHOUT MINIMUM OR RESERVE FROM THE ESTATE OF HERBERT J ROSS, WELL KNOWN LONG ISLAND COLLECTOR FOR OVER 60 YEARS.
For further info call 718-591-4797 or 717-354-6671.
SALE BEGINS SAT. 9:00 AM.
Previews: Fri., Jan. 9, 4:00 PM till 8:00 PM & Sat., Jan. 10, 8:00 AM till 9:00 AM
SALE TO BE HELD AT: The BLUE BALL PENNSYLVANIA FIRE HALL: Rte. 322 Blue Ball Pa. 4 miles east of New Holland, 12 miles east of Lancaster. From Pa. Turnpike, Morgantown Exit then west on Route 23. Watch for Aucion signs along road.

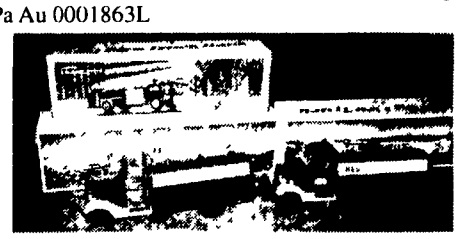
Selling over 1000 TOOTSIE TOY CARS, BUSES & TRUCKS, (cars starting at 11:00 AM). Many with metal wheels and rubber wheels (sold in lots of 5 and 10) A Large grouping of LIONEL TRAINS, MINT IN BOX, SPECIALLY FEATURING AN ANTIQUE TRUCK COLLECTION including 1930s Buddy L's, Hubley, Keystone, Structo. Also, a COLLECTION OF TRUCK RELATED ITEMS, INCLUDING SAND DIGGERS, GRAVELLERS, HAULERS, EARLY TIN TOYS, with the Donald Duck Hand Car, lots of CAST IRON TOYS, COLLECTION OF OLDER DISNEY AND MICKEY MOUSE ITEMS, OLD BANKS, Cast iron figurals, Several MINT IN BOX OLDER ERECTOR SETS, some with the motors, STEAM ENGINES, over 200 RAILROAD LANTERNS, Early TOOLS with planes, iron nailes, drills etc., MANY OLDER RADIOS INCLUDING BAKELITE SENTINEL, PHOTOGRAPHICA including tintypes, ambrose types, Victorian albums, and 750 loose photographs many from the 19th CENTURY, A CLOCK COLLECTION including bronze figurals, oak Victorian, cuckoos, mantels, POCKET WATCHES, original MICKEY MOUSE by Ingersoll, DOZENS of mens wrist watches, MINIATURE SEWING MACHINES, Early Scales, WONDERFUL ANTIQUE FURNITURE, an OAK MISSION BOOKCASE, LAWYERS BOOKCASE, Jewelers Desk, Oak dresser, Handpainted 3 Panel SCREEN, SIGNED HICKORY HUTCH with hammered iron pulls, Oak SPOOL CABINET, HUNDREDS OF ANTIQUE BOTTLES, CUT GLASS and CRYSTAL STEMWARE, COMPLETE SET OF OLD NORITAKE CHINA, Lots of Good old trunks, PRIMITIVES, cast iron pot belly stove, COMPLETE 60 VOLUME FIRST EDITION CIVIL WAR LOGS dated 1880 TIN COLLECTION, Kitchen utensils, Lots of early DAIRY SETS, complete with the old milk bottles, CANNON COLLECTION, all shpaes and sizes, PAPER EPHEMERA, INCLUDING, old stock certificates, NY WORLDS FAIR, LIFE MAGS, 1899 COLLIERS, instructional manuals, Complete wardrobe of WW 2 army clothing and accessories, OLD MARBLES IN BOTTLES, GAMES, EARLY PRINTS from 1876, Railroad Posters, BREWERYANA, FABULOUS OLD LINENS, OLD INDIAN RUGS, DEPRESSION GLASS, CHENILLE SPREADS, GRANITEWARE, CARTONS of Doorknobs, Insulator covers, Iron Keys, OLD COCA COLA ITEMS, CAMERA COLLECTION, Still unpacking, this house is loaded

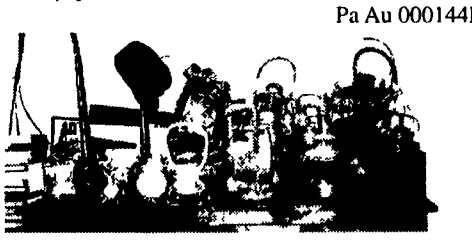
Terms Cash or check with current bank letter of guaranteed payment 10% BUYERS PREMIUM

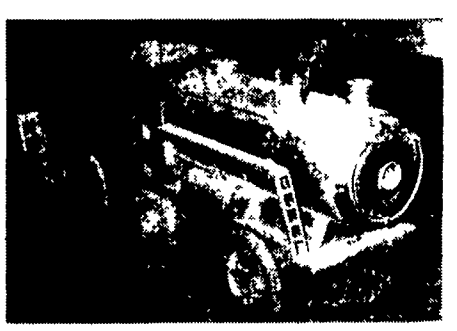
Pa Au 0001863L

Pa Au 000144L









Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT JAN. 10 - 9AM Take Rt 896 S of Strasburg, Pa to Nine Points, R on Noble Rd , 1st L (Bell Rd), 2 mi to sale on L Mules, draft horses, farm & milking equip By John E & Sarah S Kauffman. Mel Hoover, Auct.

SAT JAN 10 - 9AM. The Gathering Place, 6 Pine St., Mount Joy, Lanc Co , PA Agate & granite-ware, tinware, Redware, Roseville pottery, country items, lighting, tools, cast, iron & textiles By Private Collection of Bertha K Hershey Witman Auctioneers, Inc.

SAT JAN 10 - 9AM Horst Auction Center, Corner of Rt. 322 & Durlach Rd , Ephrat, Lanc Co , PA Fine antiques, Hh goods, primitives, tools, Hit & Miss Engine, 1938 Nash Coupe. Horst Aucts

SAT. JAN 10 - 9:30AM Centre Hall, PA. Machinery Consign Sale Penns Valley Livestock Ron Gilligan, Auct

SAT. JAN. 10 - 9 30AM 411 Yerkes Rd, (corner of Church & Yerkes Rd.), King of Prussia, PA. Laser levels, trailers, office equip., hand & power tools, equipment & misc. By PECO Energy & Area Contractors Vilsmeier Auction Co ,Inc

SAT. JAN 10 - 10AM. From King St, turn on Earl St. to Hotpoint Ave, Signs at Texaco Mini Mart, Shippensburg, PA Meat Processing Equip By J A Hargleroad Co. Kerry Pae, Aucts.

SAT JAN. 10 - 10AM Ridge Fire Co , Along Rt 23, btwn Phoenixville, Pa & Rt. 100 In the Blue Room - Britains soldiers, Ertl Texaco banks, Hess, etc Ted Maurer, Auct , 610-323-1573

SAT JAN 10 - 10AM 632 Elysburg Rd (Rt. 54), Elysburg, PA Hh goods, antiques, collectibles, riding mower, meat grinder, meat slicer, old toys, milk bottles, Barbie dolls By Blanche Girardi. Joe Kinn, Auct

SAT. JAN 10 - 10AM Ridge Fire Co , Along Rt. 23, btwn Phoenixville, Pa & Rt. 100 In the Pavillion, modern era Lionel trains, like new Ted Maurer, Auct , 610-323-1573

SAT JAN 10 - 11AM. 4520 Market St , Snow Hill, MD JD Combine, tractor, 5 row equip , trucks, 300 acre farm By Mr & Mrs Daniel Kurtz Pete Richardson Auction Sales & Service, Inc.

MON JAN 12 - Murry Auction Emporium, 23 N. Water St., Lititz, Lanc Co , Pa Regular & Equipment Auction E M. Murry Assoc , Aucts

MON JAN 12 - 10AM 100 W Jackson St., New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

MON JAN 12 - 5PM 3409 Druck Valley Rd , York, PA Personal Property By Ross & Ellen S. Fetrow Glades Auction Co

WED. JAN 14 - Murry Auction Emporium, 23 N Water St., Lititz, Lanc Co., Pa Antique Auction E.M Murry Assoc , Aucts

WED. JAN 14 - 2PM. Horst Auction Center, Corner of Rt. 322 & Durlach Rd., Ephrat, Lanc Co , PA. Antiques, Hh goods, collectibles & tools Horst Aucts

THURS JAN 15 - 9AM. From Blue Ball, 322 E approx 4 mi to Churchtown Rd S to Meadville Rd., R to sale on L From 340, Cambridge Rd N to Meadville Rd , L to sale on L Horses, farm & milking equip., antiques, horse related items, & barn supplies By Aaron K & Sarah M Beiler Mel Hoover, Auct

THURS JAN. 15 - 1PM 605 W Main St (rear), New Holland, Lanc Co , PA Tools, Camaro parts, pinball & Coke machines By JR's Auto Repair & Sales Horst Aucts

THURS JAN. 15 - 4PM 850 Fivepointville Rd., Stevens, (Red Run), from Rt. 897 in Fivepointville take Fivepointville Rd approx. 2 mi to property on R, Brecknock Twp , Lanc Co , PA Real estate, 2-1/2 sty sandstone 5 bdrm house w/bank barn, 4-car garage By James N & Esther Mae Hurst Kline, Kreider & Good, Aucts 717-445-4309

THURS JAN 15 - 4PM & FRI JAN 16 - 9AM & SAT JAN 17 - 9AM 103 S Carlisle St., Greencastle, PA Hardware, tools, parts, store fixtures, skid loaders, tractors, machinery, lg. inventory of tractor & equip. parts, shop equip. & misc. items. By Leiters Hardware & Implements J G Cochran, Aucts.

FRI JAN 16 - 5PM & SAT JAN 17 - 8AM. 2202 Gettysburg Rd , Camp Hill, PA Hardware Store Auction By Metz & Sons Glades Auction Co

SAT JAN 17 - 3 miles East of Muncy, PA Fraley's Holstein Winterfest, 100 registered Holsteins. Fraley Auction Co

SAT JAN 17 - Mel's Stables, 834 Wallace Rd , New Holland, Lanc Co , PA Horse Sale Mel Hoover, Auct , 717-354-8397

SAT JAN 17 - 9AM 20807 Miller's Church Rd , Hagerstown, MD. Farm equip , & related items, antiques & tools By John & Aletha Hostetter. Andrew & Nevin Martin, Aucts

SAT JAN 17 - 9AM Keystone Auto Auction, Exit 28, off Rt. 81 in Grantsville, Pa Auto Auction Keystone Auto Auction

SAT JAN 17 - 10AM Rt 38 & 38B, Newark Valley, NY (19 miles west of Binghamton, NY) Tractors, construction, farm machinery, salvage row, new implements, complete line & more. Goodrich Auction Service 607-642-3293.

MON. JAN. 19 - 23 N. Water St , Lititz, Lanc Co , PA Antique Auction E M Murry, Assoc , Aucts

MON JAN 19 - 9 30AM 3-1/2 mi S of Jefferson, York Co , Pa On Rt 516, turn W on Miller Rd 1 mi farm on R Farm equip , Hh items By Wilbur & Ruth Gallagher Rentzel's Auct Service

MON JAN 19 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES JAN 20 - 548 Alexander Spring Rd , Carlisle, PA Fed Cattle Sale Carlisle Livestock Market, Inc , 717-249-4511

TUES JAN 20 - 9AM 100 W Jackson St., New Holland, Lanc Co , Pa Quilt, craft & buggies A&C Diffenbach Auct. Inc.

TUES JAN 20 - 10AM Main St , (Rt 23), Leola, Lanc Co , PA Shelving, walk-in cooler, meat & bakery depart self-contained coolers & more By Rittle's IGA Store Wolgemuth Auction

WED JAN 21 - 9AM. 100 W Jackson St , New Holland, Lanc Co , Pa Quilt & craft auction A&C Diffenbach Auct. Inc

WED JAN 21 - 2PM Horst Auction Center, Corner of Rt 322 & Durlach Rd , Ephrata, Lanc Co , PA Antqiues, Hh goods, collectibles & tools Horst Aucts

WED JAN 21 & THURS JAN 22 - 8 30AM 6 mi S of Chambersburg, Pa, 1 mi E of Marion, just E off I-81 at Marion (exit 4) along Rt 914 Monthly Two Day Sale of Farm Equip Marion Auct Svc , 717-375-4700

Dairy and Livestock Sales

MEL'S STABLE

SELECTED CONSIGNMENT

DRIVING, WORK HORSE SALE

SAT., JAN. 17, 1998 - 10:30 AM

HORSES HITCHED AT 8.30 A M SHARP
SALE HELD AT 834 WALLACE RD , NEW HOLLAND, PA
DIRECTIONS FROM RT 23 IN NEW HOLLAND, GO SOUTH ON BRIMMER AVE , GO 2 MILES SOUTH ON NEW HOLLAND ROAD TO HILL RD TURN LEFT ON HILL RD PROCEED 1 2 MILES TO SALE ON THE LEFT FROM RT 340 EAST OF INTERCOURSE TAKE NEW HOLLAND RD , 2 5 MILES TO HILL RD , RIGHT ON HILL RD TO SALE ON LEFT

APPROX. 75 HEAD OF STANDARDBRED HORSES
APPROX. 50 HEAD OF SADDLEBRED HORSES

1 Load Driving Horses for Elam Stoltzfus
1 Load Driving Horses for Chnst Z Stoltzfus
1 Load Driving Horses for Jerome Wanner
1 Load Driving Horses for Jonas Beiler
1 Load Driving Horses for Stephen Stoltzfus

SPECIAL MENTION

1 Load of Top Mules from Roy Epperson
Approx 30 Head of Work Horses That Have Been Worked On Farms in Most Farm Equipment

PLUS MANY MORE HAND PICKED TOP QUALITY HORSES!! DON'T MISS THIS SALE!!! IF YOU ARE IN NEED OF A HORSE, COME AND FIND THAT SPECIAL HORSE.

MEL'S STABLE
OWNER - MEL HOOVER
PHONE - HOME - 717-354-8397
BARN - 717-354-6431
AUCT. MEL HOOVER AU003111L
NOT RESPONSIBLE FOR ACCIDENTS
FOOD ON PREMISES

Next Horse Sale: Jan. 24, 1998

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

WOLGEMUTH AUCTION

Jan., 28, 1998 @ 9:00 AM
Consignment Sale
Location: 109 N. Maple Ave., Leola PA 17545
Selling: Tractors; Farm Equip. And Truck Lots
For Free Advertising Please Call By January 19, 1998
Next Equip. Sale February 25, 1998
Next Lumber Sale February 4, 1998
WOLGEMUTH AUCTION (#2357)
Call Dennis (717) 656-2947 FAX (717) 656-6011

Dairy Cow Sale

Fri., Jan. 23, 1998
11:30 A.M.

-Selling 35 Fresh & Close Holstein Cows & First Calf Heifers - for Art Kling-
-Also, A Nice Group of Close Heifers from a Heifer Raiser-
-Plus, Local Consign-ments Including a Nice Group of Open Heifers.

Watch for Future Ads
Sale Managed By:
KLINGS AUCTIONS, INC., Landisburg, PA
717-789-3883
PA Lic. #0500

Willier, Inc.

Quality Cattle
We are always looking for Dairy Cattle - Registered & Grade
Call 717-626-3113

Belleville Livestock Market

Handpicked Canadian Cows
Wed., Jan. 7, 1998 at 1:30 PM

We will be selling on consignment a load of hand picked registered and grade Canadian cows. Featuring a 2 Yr old **Roycedale Approval** just fresh, 2 **Broker** daughters fresh by sale time, others by **Stardust, Skychief, and Prelude.** This is a young group of mostly first and second lactation cattle picked for their excellent breeding and good feet, legs and udders.

For more info:
Gene Glick (717) 667-2703
Sale Barn (717) 935-2146
Mark Glick, Auctioneer, AU-349L

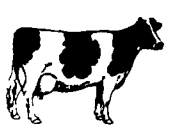
PUBLIC AUCTION

Tuesday, January 6, 1998
Horses, Cows, Heifers & Farm Equipment

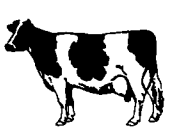
9:00 A.M. **9:00 A.M.**

Directions: From York take 74 South to 372 East to Slab Rd. turn right to McKinly Rd. turn right to Y stay left to sale on left. Or from Buck take 372 West to Flaharty Rd. turn left to T turn right (Slab Rd.) to 3rd road left (McKinly Rd.) to Y stay left to sale on left.

51 Head Cows & Heifers 51 Head



10 Head 1st Calf Heifers
13 Head Fresh in Nov. & Dec.
6 Head Due in Jan. & Feb.
Balance in all stages of lactation
10 Open and Short Heifers – Fall herd over 60 lb. herd average.



Milking Equipment

Deutz F2L511 Diesel Engine, Waikato W5SS Vacuum Pump with Oil Reclaimer good condition, 3 - Westfalia Bio Milker with 65 lb. Buckets, 3 Carrying Pails, Stainless Steel Twin Tubs, Westfalia Washer, Stainless Steel Washer Tub, 40 Cow Trainers.

6 Horses 6

3 Mares 3 Geldings

These horses are broke to all farm equipment and ready to work.

Horse Related Items

2 Wheel Breaking Cart, Double Pole, 6 Sets Front Gears, 6 Bridles, 10 Collars, Check Lines, Jockey Sticks, 2 Set Backers, 2, 3, 4, 5 & 6 Horse Hitches.

Farm Equipment

New Holland 273 Baler with 2 Cylinder Wisconsin Engine (good condition), I H. No. 9 Mower good condition, New Idea Crimper, New Idea Hay Rake, 28 ft. Lapp Elevator good condition, 16 ft. Flat Wagon with Farm Built Gear and Corn Chutes & Sides, Grove Wagon Gear, 191 White Horse Plow, Black Rock High Clearance Field Sprayer with 28 ft Boom and Kawasaki F-E-170 Engine & Pump good condition, 10 ft Cultipacker, Pequea Manure Spreader with Tail gate good condition, Bartville Welding Auto Turn Fore Cart, 12 ft Spring Tooth Harrow, Fore Cart, Round Bale Feeder, 4 Cylinder Wisconsin Engine with 4 to 1 Clutch Reduction, 6000 Tobacco Lath, 275 Gal. Water Tank, 2 - Minnich Tobacco Bale Boxes, Stripping Room Stove, Weatherhead Bolt Bin, 500 Gal Poly Tank, 250 Gal. Poly Tank, 12 ft. x 20 ft. Portable Chicken Shelter, 2x4x36 Fencing, Poly Fencing, Fiberglass Fence Post, Portable Shelters, 12 Hole Hog Feeder, Chicken Coops, Chicken Waterers, Hanson Scales, Silage Cart, Silage Fork, Shovels, Grain Cart, Hippio Lantern.

Terms by
Emanuel E. & Amanda F. Beiler
157 Sinclair Rd., Delta, Pa. 17314

Cash or Honorable PA Check Only
All Announcements Sale Day Take Precedence Over All Advertising.
Not Responsible for Accidents
Food on Premises

Auctioneer: Mel Hoover
AU-003111-L
717-354-8397 Home or 717-354-6431 Barn

PUBLIC SALE

Good Line of Farm Equipment, Antiques & Tools
SATURDAY, JANUARY 17, 1998 @ 9:00 A.M.

Located at: 20807 Miller's Church Rd., Hagerstown, MD.
Directions: From Interstate 81 (Greencastle PA Exit 3) take Rt. 16 east approx. 1/2 mile, turn right onto Bemisderfer Rd., Go to stop sign, turn left onto Leitersburg Pike, continue **"straight"** 6 miles, turn right onto Miller's Church Rd. Proceed to sale on right. Watch for yellow sale signs.

TRACTORS: Massey Ferguson 265 Diesel, 8 speed, canopy, 3,700 hrs., MF 135 Diesel; M.F. 20 Industrial tractor, gas, w/loader

HARVESTING EQUIPMENT: John Deere 3950 forage chopper, electric controls, 2RN corn head, 5' pick up, (heads sell seperately); New Holland 489 haybine, M F 124 baler w/thrower; Pequea 7' P.T.O. hay tedder; 2-Dion 3 beater silage wagons, tandem axle, 1 w/roof, N.H. 28 whirl-a-feed blower, Fox blower, 2-3 pt. wheel rakes, Smoker 24' bale elevator; Little Giant corn drag w/motor, wooden rack wagon, 8'x16' flat bed wagon; 2-gravity wagons, 1-300 bu., other smaller.

TILLAGE - PLANTING EQUIPMENT: John Deere 7000 4 row conservation corn planter, liquid fert., frame coulters, J D FB 15 hole grain drill, 3 pt. 7 shank chisel plow, M.F. 3 pt. 3 bottom hyd. reset plow; Oliver 3 pt 2 bottom trip plow, M F. 12' transport disc, C springs, 2-J.D. K.B.A. disc 8' and 10', 3 pt. 13' S-tine field cultivator, 2-cultipackers 8' and 10'; 3 pt 2 row cultivator
Better Built 2,000 gallon vac manure spreader, 30 K W alternator, P T O on cart; hyd dump trailer, M.F 3 pt. blade, 3 pt field sprayer, 3 pt. nozzle sprayer; 3 pt Woods 6' rotary mower; Grove 10 ton wagon gear, 3 pt. potato plow, round bale bucket spear, Danuser post hole digger, P.T.O concrete mixer, 20' steel feeder trailer; Hay Saver round bale feeder; several poly calf hutches, round corn crib, 500 gal poly tank

1970 CHEVY FARM TRUCK stake body, rebuilt motor.
CATTLE TRAILER 5'x8' with title

ANTIQUES - TOOLS: 2-bobsleds; horse cultivator, cast iron butcher kettle w/gas burner, Meadows 8" Stone Burr Mill w/electric motor, Montgomery Ward cream seperator; 2-frame honey extractor; beehive boxes; wheat cradle; straw knife, hay hook; pitcher pumps, lion's jaw rail vise, chicken crates, wooden barrels; jelly cupboard, crosscut saw, steelyard balance, crocks, milk cans, brass Purina milk scales, meat cleaver, wood augers, block and tackle; hog catcher, platform scales; clipper seed cleaner, Sears cylinder corn sheller, New Idea 1 hole corn sheller; feed chest
180 Amp Lincoln welder, portable air compressor; Sears floor model drill press, Sears 8" table saw, ready heater, 30 ton hyd jack, welding table, creeper, wheebarrow, ceiling fans, 3" feed auger; garden cart, clover seeder, 275 gal fuel tank, misc. hand tools, plus more
NOTE: Cash or local check. Distant checks need current bank credit letter.

Sale starts with small items and antiques.
NO SUNDAY CALLS
Lunch Served. Not Responsible For Accidents

Sale for:
JOHN and ALETHA HOSTETTER
301-739-3981

Auctioneers:
Andrew Martin, 717-532-5382
Nevin Martin AU-1078-L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI JAN 23 - 10AM Poland Farm, Powhatan, VA Complete dairy dispersal, Holstein herd, dairy equip , farm machinery By J R Willis, Jr Ownby Auction & Realty Co , Inc

FRI JAN 23 - 11AM Kling's Sale Barn, Landisburg, PA Dairy Cow Sale Kling's Auctions, Inc 717-789-3883

FRI JAN 23 - 1 30PM 548 Alexander Spring Rd , Carlisle, PA State graded feeder pig sale Carlisle Livestock Market, Inc , 717-249-4511

SAT JAN 24 - Mel's Stables, 834 Wallace Rd , New Holland, Lanc Co , PA Horse Sale Mel Hoover, Auct 717-354-8397

SAT JAN 24 - 9AM Keystone Auto Auction, Exit 28, off Rt 81 in Grantsville, Pa Auto Auction Keystone Auto Auction

SAT JAN 24 - 9AM Springetts Fire Co Social Hall, 3013 E Market St , York, PA Antique & modern furniture general antiques, collectibles, wood working equip , lawn equip., personal prop , etc By Mr & Mrs Kerr Anderson Jacob A Gilbert & Brian L Gilbert, Aucts

SAT JAN 24 - 9AM McNess Rd , Port Treverton, Snyder Co , PA Farm equip , work horses, & misc By Mrs Miriam Brubaker & the late Paul Brubaker Wolgemuth Auction

SAT JAN 24 - 9 30AM 670 Benner Rd , Zion, PA Construction tools, equip , 2 acre lot, new oak furn , & more By Roy Allen Stoltzfus Ron J & Ron S Gilligan, Aucts

SAT JAN 24 - 10AM Ridge Fire Co , Along Rt 23, btwn Phoenixville, Pa & Rt 100 In the Blue Room, our regular toy auction, a good mix! Ted Maurer, Auct , 610-323-1573

SAT JAN 24 - 10AM From Rt 272 at Ephrata, take Schoeneck Rd , thru Shoeneck, L onto Sandy Hill Rd , to lot on R, West Cocalico Twp , Lanc Co , PA 2 3 acre building lot By Dennis R Martin Aaron E Martin Auction Service

SAT JAN 24 - 10AM Ridge Fire Co , Along Rt 23, btwn Phoenixville, Pa & Rt 100 IN the Pavilion, older Lionel trains, including standard gauge Ted Maruer, Auct , 610-323-1573

SAT JAN 24 - 10AM Horst Auction Center, Corner of Rt 322 & Durlach Rd , Ephrata, Lanc Co , PA Antique & modern firearms, rifles, shotguns, hand guns, hunting acc , swords, bayonets & knives Horst Aucts

SAT JAN 24 - 11AM 512 Gristmill Rd (Martindale) From Ephrat, Rt 322 E to traffic light in Hinkletown, L to Martindale Rd , to Martindale At Eby's Store, R to Gristmill Rd to property on L, Earl Twp , Lanc Co , PA Real estate, 2-1/2 story frame house, w/2 sty shop & barn By Leonard B & Linda H Martin Kline, Kreider & Good, Aucts , 717-445-4309

SAT JAN 24 - 11AM Asherwood Branch Rd , Willards, MD 77 14 Acre farm, tractors, trucks, farm equipment, personal property & more By James Lewis & Charles Lewis. Pete Richardson Auction Sales, Inc

SAT JAN 24 - 12 Noon On Rt 154 btwn. Canton & Shunk, Wheelerville, Sullivan Co , PA Real estate, 2 story house nestled in mts of North Central, PA By Frank Morgan Donald Roan, Auct

SAT JAN 24 - 2PM. Laurel Ridge Rd , Caernarvon Twp , Lanc Co , PA Wooded building lot near Bowmansville By Chester B Burkholder Aaron E Martin Auction Service

MON JAN 26 - Murry Auction Emporium, 23 N Water St , Lititz, Lanc Co , Pa Toy Auction E M Murry Assoc , Aucts

MON JAN 26 - 10AM 100 W Jackson St , New Holland, Lanc Co , Pa Hay, grain & straw auction A & C Diffenbach Auction, Inc

TUES JAN 27 - 10AM 275 Railroad Ave, Dallastown, PA Industrial Safety Equipment Enn Supply Co Inc Gilbert & Gilbert, Aucts

WED JAN 28 - 109 N Maple Ave , Leola, Pa Lumber Sale Wolgemuth Auction, 717-656-2947

WED JAN 28 - 9AM 109 N Maple Ave , Leola, Lanc Co , PA Consignment Sale Tractors, farm equip. & truck lots Wolgemuth Auction, 717-656-2947

WED. JAN 28 - 9AM. 959 Drywells Rd , Quarryville, PA Mules, Heifers, full line of farm equip , corn silage, hay, ear corn & milking equip By Jonathan B & Betty K Hershberger Mel Hoover, Auct

WED. JAN. 28 - 2PM. Horst Auction Center, Corner of Rt. 322 & Durlach Rd , Ephrata, Lanc. Co , PA Antiques, Hh goods, collectibles & tools Horst Aucts

THURS JAN 29 - Take 147 S of Sunbury approx 14 mi to 225 N, 2nd cross road L to Y, stay L to sale on R. OR from Berrysburg, 225N to 147 intersection, (13 mi), 225 N to 2nd cross road, L to Y, stay L to sale on R. Horses, lumber, farm equip , Hh goods & antiques By David B & Naomi K Smucker Mel Hoover, Auct

FRI. JAN 30 - Ithica, NY NY ET Convention Sale The Cattle Exchange 607-746-2226

FRI. JAN 30 - 6PM - Tack 7PM - Horses. Penns Valley Livestock, Centre, Hall, PA Horse Consignment Sale. 814-349-5099

SAT. JAN 31 - 8 30AM. - Tack 11AM Horse Sale Middleburg Lvst Auct Sls Inc , Middleburg, PA. Clarence Shirk & John Shirk, Owners 717-837-2222.

SAT JAN 31 - 8 30AM Newberrytown Fire House, Newberrytown, PA Public Toy Sale, pedal & farm tractors, farm & construction equip , race cars, trucks, banks By L C Eichelberger Ike Eichelberger, Auct.

SAT JAN 31 - 12 Noon Approx. 6 mi E of State College, Centre Co , Pa. 292 acre Farm w/house & outbuildings. By Hugh Wilson Ron J & Ron S. Gilligan, Aucts

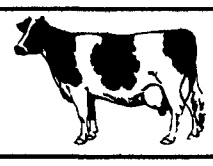
NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

ALL POINTS AUCTION CO.
LEBANON PA
717-270-4555

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.



New Holland, Pa.

Located 12 Miles East of Lancaster, just off Rt. 23

DAIRY SALE WEDNESDAY, JAN. 7, 1998

11:00 A.M. OPEN & BRED HEIFERS
12:00 NOON BULLS, FRESH COWS, SPRINGERS

Weekly Consignors

- Merle Breneman
- Marvin Eshleman
- Leroy Smucker
- Dale Hostetter
- Jim Hostetter
- Daniel Z. Stoltzfus

Note To Consignors! Please send all information along with your cattle Tues. Fresh date, breeding dates, milk weights, TB & blood test charts with your trucker.

Lancaster County Herd Sells 30 Head of Holsteins

Full Flow of Milk–if you need milk, these cows will work for you--- Milk weights and catalogs at ringside.

"Dennis Martin" - Canada - He is sending 25 Head of Fresh and Springers, 2 and 3 yr. olds. Every one fresh in the last 3 weeks - Registered and Grades - Many sired by Astre, Lindy, Sky Chief, Park - If you need milk and good fresh heifers, Dennis says he'll have them for you on this load!

Notice: If you plan to have a Dispersal this Winter or Spring, call us -- we can help you!!

Sales Managed By
New Holland Sales Stables, Inc.
Barn 717 354-4311 Fax 355 0706 Home 717-397 5538
Norman & David Kolb, Mgrs. 61L

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FRIDAYS
Produce, Egg, Miscellaneous Auction
Starts At 6 P.M.
Poultry Auctions Start At 6 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

TUESDAYS
Farm Machinery Consignment Auction
The 1ST TUESDAY EVENING OF EACH MONTH
at 3 P.M. sharp.
We are open the preceding Monday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simultaneously

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load lots by the bale or ton
starting at 1 P.M.
Barn Opens at 8 A.M. to Consign

Jim and Ken Baer
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We Salute Our DAIRY FARMERS

MIDDLEBURG LIVESTOCK AUCTION SERVICE INC.
[illegible]
(717) [illegible]

Middleburg Monthly Dairy Sale
Fri., Jan. 9, 1998 - 12:00 Noon
1 Herd Cows from Columbia Co.
1 Load Fancy Fresh Cows from Jim Hostetler
1 Load Fresh Heifers from Pine Hill Farms
Plus many more local consignments of cows, heifers and bulls
All Consignments Welcome
Note to Consigners! Please send all information, breeding dates, health charts, etc. along with your trucker.
For Information Call:
Clarence Shirk - 717-656-8793
or 717-837-2222
Lic. #000757

DENNIS KOLB

SPECIAL NEW YEAR'S SALE
175 • QUALITY HOLSTEINS • 175
THURSDAY, JANUARY 8, 1998 - 11:00 A.M.

LOCATION: West of Lancaster on Dairy Road. Take Route 283 West to 741 West and go left at exit. Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.

SALE CONSISTS OF:

35 Heavy producing New York State cows, many milking over 100 lbs.
2 Loads of Fancy Canadian cows and heifers, some purebreds with good pedigrees.
1 Load from New England States – 1st calf heifers – 10 fresh – 20 due within 30 days.
1 Load of Top Bred Purebred cows and heifers from Bradford and Tioga County.

SAMPLE OF PUREBREDS SELLING

* A 4 Yr. HANOVER-HILL INSPIRATION Gr. Dtr. GP-80 2-11 304d 26,242 4.6 1205 3.3 872p fresh for tester 12/23/97 108 lbs. 4.0 3.4p, Dam VG-86 HANOVERHILL RENEGADE 3-00 290d 18,308 5.0 915f 3.6 650p, next Dam GP-82 IONA FARM CAMERO Dtr. 2-05 326d 28,213 4.1 1165f 3.3 933p.
* A 3 Yr. old COOK-FARM STARBUCK Flip Dtr. fresh 2-01 365d 23,828 3.7 876 3.4 802p for tester 12/27/97 104 lbs., Dam VALIANT WINKEN Dtr. 3-03 365d 37,095 3.4 1254f 3.2 1201p, next dam COLOMBUS Dtr. 2-01 305d 23,131 3.4 806f.
* A 2 Yr. KING LEA LEADER Dtr. fresh milking 75 lbs. (Big & Fancy) 1st dam VG-85 4-11 365 24,100 4.3 1037 3.1 753, 2nd Dam VG-86 365d 31,400 3.6 1118 3.1 962, 3rd Dam VG-87 348d 22,290 3.7 830 3.1 701.
* A 2 Yr. MELLO D ABSTRACT Dtr. (Red & White) due 1/10/98 to SOVEREIGN RED 1st dam VG-85 333d 25,150 4.1 1022 3.4 864, 2nd Dam VG-85 365d 25,360 3.9 995 3.1 775.
* A 2 Yr. KING LEA LEADER Dtr. due by sale to LOUBER VOLCANO RED, 1st Dam VG-85 361d 24,600 4.1 1007 3.3 804, 2nd Dam EX-90 356d 20,840 4.3 888 3.4 701.
* A 2 Yr. MELLO D ABSTRACT Dtr. (Red & White) due by sale, 1st dam GP 365d 29,870 3.6 1087 3.2 967, 2nd Dam VG-88 365d 31,090 3.6 1124 3.0 925.
* A 2 Yr. BOMAY DEFINITION Dtr. fresh for tester 91½ lbs., Dam VALIANT ROCKIE Dtr. 3-00 323d 23,684 4.1 979 3.4 796p, next dam GABRIEL Dtr. 3-00 305d 19200 4.1 789f 3.2 620p.
* A 2 Yr. KINGLEA LEADER Dtr. fresh for tester 12/23/97 84 lbs. 4.6 3.0p, Dam GP-82 FARMEAR LEAD JACKI JACKO Dtr. 260 305d 21,917 3.6 796f 3.3 719p, next dam SOUTHWIND Dtr. 305d 21,329 3.7 792f 3.3 713p.
* A 2 Yr. ECSTASY BLACKSTAR INDY Dtr. fresh for tester 12/27/97 58.5 lbs., Dam CLEITUS Dtr. 3-00 365d 29,965 4.2 1251f 3.0 893p, next dam OPPERMAN TONG Dtr.
* A 4 Yr. HUPRO LDMAN KINCARID Dtr. GP-80 fresh milking 90-100 lbs. 3-01 365d 26,566 4.3 1135f 3.4 937p, Dam VG-85 PACLAMAR LEPRECHAUN Dtr. 80.9 lbs. 365d 25,203 3.5 881f 3.1 775, Life 184,209 6609f 5833p, next dam Life 158,291m 545f 2940p.
* A 4 Yr. Gr. Dtr. of BLACKSTAR Bred 4/19/97 to ZEE CAL MAER TORO 2169109 3-03 366d 18,841 4.4 832f 3.4 633p, dam SUN-BEN BERLIN Dtr.
* A 2 Yr. CAERMARVON TOGGA Dtr. just fresh, Gr. Dam 3-00 20992M 3.5 730f 2.8 598p.
* A 2 Yr. ECSTASY BLACKSTAR INDY Dtr. Fresh for tester 12/27/97 67.5 lbs., Dam PICKARD ACRES VIC KAI Dtr. 3-00 329d 20,803 4.4 911f 3.5 721p, next dam GILTEX VISA Dtr. 4-03 365d 25,926 3.9 1061 3.2 855p.
* A 2 Yr. THREE BS BELLSTAR DEPOSIT (BLACKSTAR SON) fresh milking 69 lbs. for tester, Dam GP-80 BROOK-TWAIN VAL SAMMY Dtr. 4-06 346d 21,650 4.1 892f 3.2 702p next dam GP-80 3-0d 292d 19,120 3.3 630f 3.1 591p.
* 2 Red & Whites * Several Mixed Breeds * 2 Service Age Bulls

FREE TRANSPORTATION FOR LANCASTER CO. AMISH
Please call (717) 569-2106 or (717) 569-6800 before noon on Wednesday, Jan. 7, 1998.

Sale Manager: Dennis Kolb
Auctioneer: Robert C. Mullendore (AU-000644-L)

PA FARM:
2220 Dairy Rd.
Lancaster, PA 17601

Free Feed For All Dairy Farmers

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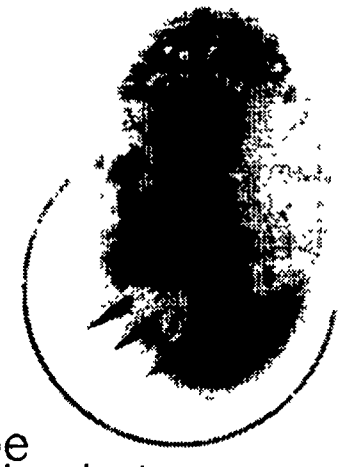

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Lancaster Extension Announces Educational Meetings

PENNSTATE

College of Agricultural Sciences — Cooperative Extension Lancaster County

DAIRY MAP - FOCUS ON THE FUTURE

You are invited to attend this 2-day workshop developed by Penn State to teach business management concepts to dairy farm families throughout the state.

Husbands and wives and business partners are encouraged to attend as a team. This is an interactive workshop in which individuals team up with others in a work group and work on a real-life, case study farm to:

- develop goals for the farm
- develop management strategies that will help the farm reach its goals
- identify critical control points and methods for monitoring progress that is being made
- discuss farm communication challenges
- writing job descriptions, and more

Families are also given homework assignments for developing mission statements for the family and farm that will help guide their personal lives and give purpose to their farming efforts.

Who - Husbands and wives and business partners are encouraged to attend as a team Participants will receive a comprehensive manual.

When - Jan. 20 and 27 at the Lancaster Farm and Home Center Basement, Lancaster

Time - Registration and refreshments 9:30 - 10:00 a.m. Program begins at 10 00 a.m.

Cost - Cost is $70 00 for the first person, plus $20 for each additional person. Lunch provided.

Register- Registration required. Attendance is limited.

Penn State encourages persons with disabilities to participate in its programs and activities If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact Glenn Shirk at 717-394-6851 in advance of your participation or visit.

- cut-off -

DAIRY MAP - FOCUS ON THE FUTURE

1st Person _____ 2nd Person _____

Address _____

_____ Phone (____) _____

Cost (includes meals and notebook) 1st person = $70.00
Number of extra people (___) x $20.00 = _____
Total = _____

Mail registration to Glenn A. Shirk, 1383 Arcadia Road, Room 1, Lancaster, PA 17601-3184 with check in the proper amount, payable to *Agricultural Extension*. Or, call 717-394-6851.

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MILKER TRAINING AND UDDER HEALTH SCHOOL

One of the most important and biggest tasks on a dairy farm is milking. It affects the income producing end of the business, teat ends and udders, and the quality of the food we sell. You and your milking staff are invited to attend a 2-day Lancaster-Chester County milker training and udder health school.

Purpose - Help milkers understand: a cow's mammary system, milking systems and milk handling equipment, plus the relationship of milking techniques and equipment to udder health, milk production and milk quality. Help foster good communications and working relationships between milkers and their supervisors to encourage the adoption of uniform and approved protocols for: milking, udder health, milk quality, and equipment operation and mintenance.

Times - Feb. 13 and 20 Registration and refreshments at 9:30 a.m. Program starts at 10:00 a.m.
Note: These are new dates. We ran into scheduling problems on Feb. 12 and 19

Where - Gap Diner, at the junction of Rts. 30 and 41.

Topics - Day 1 a m. - Basic understanding of the udder, milk quality and equipment
p m - On-farm familiarity with equipment, drug storage, records, milk testing, cow ID

Day 2. Learning accepted procedures and protocols relating to:
milking
cleaning and sanitizing
equipment operation and maintenance
udder therapy, cow ID, testing and withholding milk, drug usage and storage
keeping and using records

Who - Milkers and milking supervisors

Cost - $25 00 for the first person, plus $5 for each additional person. Lunch provided.

Deadline - Register by February 6 Attendance is limited.

Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact Glenn Shirk at 717-394-6851 in advance of your participation or visit.

- cut-off -

MILKER TRAINING AND UDDER HEALTH SCHOOL

Names _____ Phone (____) _____

Address _____

Cost (includes meals and notebook) 1st person = $25.00
Number of extra people (___) x $5.00 = _____
Total = _____

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MOISTURE CONTENT OF FEEDS

It's Affect on Prices, Dry Mater Intakes and Profits

Glenn A. Shirk
Extension Agent, Lancaster County, Pa
December 1997

Feeds are purchased for the dry matter they contain and for the nutrients contained in that dry matter The dry matter content and its nutritive value affect feed prices and feeding rates Thus, when the moisture content of feeds change, feed prices and feeding rates need to be adjusted accordingly

As illustrated in Table 1, changes in the moisture content of high moisture feeds have a major impact on dry matter levels For example, when the moisture content of silage changes by 10 percentage units (from 70 to 60), dry matter also changes by 10 percentage units (from 30 to 40) However, that seemingly small change in moisture had a major impact on dry matter It changed by 1/3 or 33%! The 60% silage has 1/3 more dry matter than the 70% silage and is worth 1/3 more

With lower moisture feeds, the impact is less. In Table 1, as the moisture content of hay changed by the same 10 percentage units, the moisture content actually doubled, but it only changed the dry matter content be 11%

Table 1 Moisture - Dry Mater Relationships

	Old Test	New Test	Difference	% Change
Silage Sample				
Moisture %	70	60	10	14
DM %	30	40	10	**33**
Hay Sample				
Moisture %	10	20	10	100
DM %	90	80	10	**11**

Note The formula for calculating the % DM change, using the silage example, is (the difference 10) divided by (the old DM% 30) x 100 = 33

If feeding rates were not changed, and if cows continued to eat the same pounds of silage, they would be consuming 1/3 more corn silage dry matter Chances are, they would reduce intakes of other ration ingredients, and that could cause major ration balancing problems if silage feeding rates are not reduced by 1/3 Less significant changes are needed when the moisture content of drier feeds change, but rations and prices should still be adjusted

Failure to monitor the moisture content of feeds and failure to make appropriate adjustments to the ration when moistures change, can have a major impact on DMI (dry matter intake), milk production and profits This is illustrated in table 2 In the example in Table 2, the dry matter of silage dropped 7 percentage units (from 39 to 32) and haylage dropped 5 units (from 52 to 47) However, feeding rates were not adjusted The result is cows consumed 3 lb less dry matter, produced 3 lb less milk and dropped milk income by $0 90 per day! That's costly!

Table 2 Moisture, Dry Mater Intake, and Milk Production Relationships

		Old Forage Test		New Forage Test	
Feeds Fed	Lb Fed	% DM	Lb DMI	% DM	Lb DMI
Corn Silage	31	39	12	32	10
Haylage	23	52	12	47	11
Forage DMI			24		21
Concentrate	25	88	22	88	22
Total DMI (lb)			46		43
% from forage			52		49
Impact on					
DMI (dry matter intake)					-3
Milk (1 lb DMI produces about 2 5 lb milk)					7 5
Milk income per cow per day (@ $12 00 / cwt)					**$0.90**

Formulas for Adjusting Feeding Rates and Feed Prices

In the example in Table 2, our goal was to have cows consume 12 lb of DM from corn silage and 12 lb of DM from haylage Divide the desired intakes by the DM content of the feeds to determine proper feeding rates For example.

12 lb silage DMI desired divided by 0 32 (the new DM%) = 37 5 lb corn silage needed
12 lb haylage DMI desired divided by 0 47 (the new DM%) = 25 5 lb haylage needed

Now, let's illustrate feed price adjustments with two examples Assume that 60% moist (40% DM) corn silage is priced at $30 per ton and 12% moist (88% DM) hay is priced at $125 per ton These are our reference prices and feeds What is the adjusted price of 70% moist (30% DM) silage and 55% moist (45% DM) haylage? We need to compare DM's, and the formulas are

DM of silage to be bought 30 x the reference price of $30 = the adjusted price of $22 50
DM of the reference silage 40

DM of haylage to be bought 45 x the reference price of $125 = the adjusted price of $63.90
DM of the reference hay 88

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Gelbvieh Association Completes Successful Year

WESTMINSTER, Colo. — The American Gelbvieh Association (AGA) recently completed a successful 1997 fiscal year.

Total registrations increased slightly from fiscal 1996 (30,178 vs. 30,168). Animal transfers also increased slightly from 12,225 to 12,401, and the Gelbvieh Alliance experienced tremendous growth, more than doubling its size com-

Executive Director Tom Brink said, "Given tough cattle market conditions the past several years, we feel very good about where we are. Gelbvieh market share has increased from 9 percent of Continental beef breed registrations in 1990 to over 15 percent currently. Growth in Gelbvieh Alliance has been phenomenal, as more and more producers and cattle feeders

based marketing can bring to their operations."

The total number of cattle processed through the Gelbvieh Alliance since its inception two years ago now exceeds 80,000 head. Fiscal 1997 numbers reached 50,968, up 112 percent compared to the 24,024 in fiscal 1996.

AGA's Commercial Marketing Director Don Schiefelbein said,

bring above-average dollars is what the Gelbvieh Alliance is all about. We accept all breeds and breed crosses into our alliance, because we're committed to putting more dollars into the pockets of producers with superior genetics and good management practices."

The Gelbvieh breed has grown tremendously during the past 10 years, though the recent cattle

ary leveling-off in registration numbers. Annual Gelbvieh registrations have declined by only 5 percent since 1994, which compares to a 34 percent average decline among the other major Continental beef breeds.

Nationwide, active Gelbvieh cow numbers totaled 71,453 head at the end of the 1997 fiscal year on Sept. 30.

Lancaster Extension Announces Educational Meetings

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Dairy Notes

Lancaster County •

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FAX 717 394 3962

December 1997

Dear Friends

I hope that you and your family had a joyous holiday season, and that the spirit of this holiday season will accompany you and your family in the new year

As we face a new year, it is good to reflect on the past year and take stock of all the things that were good and all the things that you and your family have accomplished This serves as a good base from which to launch into the uncertainties of the year ahead This is also a good time to think about what you and your family want to accomplish in life and how your farming business fits into your family plans

As you plan for the future, it is helpful to know how serious you, your family, and your business partners are about the business of farming Their desires and commitment will affect the decisions you make about the farm and how it will be managed in the future

Are you serious about farming over the long haul, and about being a serious competitor in the industry If so, you may need to think about expansion and about how you can sharpen your management skills so you can skillfully and vigorously pursue the future However, size is not everything A medium-sized, well-managed, productive dairy farm with good cost control and good profit margins per cow and per cwt of milk can still compete Read the enclosed paper on "Positioning Your Dairy Business for Success"

If you have limited land, or are located in an area where expansion is not feasible, you may want to consider relocating to another area rather than investing a lot of capital and other resources in a business that has only a limited possibility for success in the future

Or if you are unsure about your and your family's commitment to farming, you may simply want to "hang in there" for a few years and make the best use of what you already have until situations change and until you have a clearer sense of direction Another option is to diversify into other agricultural enterprises or to pursue various off-farm ventures

If you are thinking about phasing out of farming, for whatever reason, start planning your exit early and in an orderly fashion so you have a better chance of hanging on to more of the assets you have been working a lifetime to accumulate For more information on an orderly exit, enroll in the upcoming 2-day seminar on "Exiting From the Dairy Business in Orderly Fashion", which will be held on March 11 and 18 Details of this seminar will be available later, In the mean time, you may want to reserve these dates on your calendar

Some Helpful Hints for Your Consideration

If you need to buy a lot of feed, take advantage of price breaks, bulk discounts (team up with your neighbors), early payment discounts and lower-priced alternative feeds, even if it means taking out a line of credit so you can take advantage of "good deals" The savings you realize should be much greater than the interest you pay - - that is, IF you discipline yourself to use the money only on things you need to generate income, AND IF you pay down the loan quickly with the extra income earned as a result of the purchase

If you need cash be careful about selling off income-producing assets at a loss, such as bred heifers and cows That's a quick way to go out of business! Continue to invest money in building up your income-producing base, even if it means deferring payment on overdue bills Money spent paying down bills is gone forever; it will never earn any more income for you! Using that same money to build up and preserve your income base quickly will generate more money which will be available to pay down bills month after month after month. IF that can be accomplished both you and your creditors are winners

As you attempt to cut costs, be careful that you do not cut short-term and long-term profits in the process Some examples of this are

- Failure to maintain vaccination programs Diseases could sneak in and hurt you later Neglecting heifers and dry cows You'll pay for it dearly later in the form of ketosis, DA's, low milk production, poor conception rates, increased culling, etc
- Giving cows less feed or using poor quality feeds It will trigger problems discussed above The most profitable milk a cow gives - - the milk that pays the bills - - is the milk she produces above the break-even level of about 50 to 60 lb per day (it varies a lot from farm to farm) When you under-feed a cow, the lost milk comes right off the top, that's the most profitable milk, and the milk you lose may be her only profit!
- Using a herd bull to save AI costs If the bull is infertile or has poor genetics, and if he spreads infections from cow to cow you will pay for it later - - not to mention safety

Analyze your feed inventories and feed needs Sell unprofitable cattle and let someone else raise your heifers to help reduce feed purchases. Save the best feed for the best cows If necessary buy some good feed for the good cows, but feed it sparingly Keep challenging your nutritionist and feed company reps to help you fine-tune your rations and your feeding practices, and to reduce your feed costs without hurting herd health, production and profits

Sincerely,

Glenn A. Shirk

Glenn A Shirk
Extension Agent - Dairy

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BASIC DAIRY FARM MANAGEMENT WORKSHOP

You are invited to attend one of these 2-day workshops.

Purpose - Help families manage their farm as a business so it can meet the needs of the family

Topics -
- Profit margins needed per farm, per cow, and per cwt. of milk.
- Developing management strategies to help the farm attain the desired profits.
- Monitoring the dairy business to see if progress is being made.
- Start-up considerations.
- Making wise capital investments.
- Controlling debt
- Exploring advantages and disadvantages of various styles of farming
- Analyzing and controlling costs
- Focusing on herd management priorities, such as: feeding, comfort, health, reproduction, replacements, culling, etc.
- Note: The financial meeting on Feb. 12 ties in nicely with this workshop See other side

Who - Husbands and wives, fathers and children, brothers and sisters are encouraged to attend as partners. Participants will receive a comprehensive manual.

When - There are 2 workshops remaining (more will be scheduled if needed). They are:
January 15 and 22 Stephen S. Stoltzfus Farm, 901 Peters Road, New Holland
March 12 and 19 Lancaster Farm and Home Center Basement, Lancaster

Time - Registration and refreshments **9:30 - 10:00 a.m. Program begins at 10:00 a.m.**

Cost - Cost is $10.00 per family **(for 1 manual). Lunch is on your own.**

Register- Registration required. Attendance is limited.

Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact Glenn Shirk at 717-394-6851 in advance of your participation or visit.

- cut-off -

BASIC DAIRY FARM MANAGEMENT WORKSHOP

1st Person _____ 2nd Person _____

Address _____

_____ Phone (____) _____

Which workshop do you want to attend? (____ Jan. 15 and 22) (____ Mar. 12 and 19)

Mail registration to Glenn A. Shirk, 1383 Arcadia Road, Room 1, Lancaster, PA 17601-3184 with check for $10.00, payable to *Agricultural Extension*. Or, call 717-394-6851

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WHERE DID ALL THE MONEY GO?

A Farm Financial Management Workshop
You are invited to attend.

Most dairy producers purchase their farm inputs at retail prices, but sell the products they produce at wholesale prices. Most other business buy at wholesale and sell at retail. Because of this, Dennis Ginder, Extension Farm Management Agent for Lancaster and Chester counties, says that you must manage production costs and be very efficient if you expect your dairy business to be profitable.

At this time of the year we will soon be summarizing our income and expenses for the year for tax filing purposes. Don't let "Uncle Sam" be the only benefactor of all your hard work. Go one step further and use those same figures as the basis for calculating your own costs of production.

This workshop ties in nicely with the "Basic Dairy Farm Management Workshops" (see other side)

Purpose - Help families determine their costs of production so they can manage them effectively

Topics - Calculating what it costs you to produce your farm products
Enterprise analysis. Is it cheaper to buy crops and replacements than to raise them?
Measures of efficiency and how to calculate them
Record for keeping and summarizing key financial and production data

Who - Husbands and wives and business partners are encouraged to attend as a team
Participants will receive a comprehensive manual.

When - Thursday, February 12. Registration at 9:30 a.m. Program begins at 10.00 a.m.

Cost - Free. Lunch is on your own.

Register- Registration required. Attendance is limited.

Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact Glenn Shirk at 717-394-6851 in advance of your participation or visit.

- cut-off -

FARM FINANCIAL MANAGEMENT WORKSHOP

Names _____

Address _____

_____ Phone (____) _____

Mail registration to Glenn A. Shirk, 1383 Arcadia Road, Room 1, Lancaster, PA 17601-3184, or call 717-394-6851.

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Scholarship Students Honored

UNIVERSITY PARK (Centre Co.) – The cost of college went down this year for nearly 500 students in the Penn State's College of Agricultural Sciences. They were the recipients of almost $900,000 in awards through the College's scholarship and awards program, supported by annual and endowed gifts from friends and alumni.

Scholarship recipients and donors are honored each year at the scholarship and awards banquet. "The banquet recognizes both those students who excel academically in the classroom and those who also lead and take part in our college's many extracurricular activities," said Dr. Robert Steele, dean of the college.

Scholarship recipients are chosen on the basis of their academic standing, financial need and recommendations from professors. The college administers more than 189 separate scholarship funds for new and continuing students. Nineteen new scholarships and awards were made for the first time during the 1997-1998 academic year.

Information on scholarships for 1998 will be mailed in January to all applicants with offers of admission and to students enrolled at other Penn State Locations. Students at University Park can pick up their copy in 101 Agricultural Administration Building. For the first time this year, all students are encouraged to apply via the Internet through the college Web Site at http://www.cas.psu.edu. Current and potential students can click on the College Overview button to see the Scholarship and Awards Application.

Hereford Juniors Learn Life Skills At Leadership Conference

KANSAS CITY, Mo. — Members of the American Junior Hereford Association (AJHA) and National Junior Polled Hereford Council (NJPHC) gathered recently in Kansas City, Mo., for the 33rd annual AJHA Convention and NJPCH Pride Congress.

With the theme "Living the Legacy," the three-day event encouraged those in attendance to set goals, work hard and smartly, develop teamwork skills, and take the Hereford breed's rich heritage and build upon its traditions in the future.

The AJHA portion of the conference was possible this year through sponsorships from Fort Dodge Animal Health, Overland Park, Kan.; Moorman's Inc., Quincy, Ill.; ABS Global Inc., DeForest, Wis.; Lawrence Herefords, Coon Rapids, Minn.; Dyer Herefords, Crawford, Neb.; Rausch Herefords, Hoven, S.D.; Square G. Ranch, Putnam, Okla.; and Gary and Kathy Buchholz, Tarzan, Texas. NJPHC sponsors included Michael Jay and Family, Scandia, Minn.; Dirt Road Farms, Franklin, Tenn.; and Grandview Plantation, Como, Miss.

The AJHA activities kicked off Nov. 7 with a stringent public speaking contest featuring the nation's best. Opening ceremonies followed with a feature film including Hereford breeder John Wayne. AJHA directors encouraged the delegates to build upon the legacies left by great Hereford breeders such as Wayne.

Following roll call and state cheers, a presentation from the 1997 AJHA Australian Exchange representatives Tom Ostgaard, Dayton, Ohio, and Dennis Rankin, Fletcher, Okla., captured the audience's attention. They shared a slide show and commentary of their four-week visit to Australia and New Zealand this summer. Friday's activities concluded with a delegate mixer.

NJPHC delegates kicked off their Friday activities with mixer activities to introduce everyone and build trust and teamwork with each other.

Saturday's activities started with join leadership workshops. American Hereford Association Director of Research and Performance Records John Hough used a hands-on activity weighing various members of the audience to teach the delegates how EPDs are calculated and the importance of accurate information, Jay Carlson, beef regional sales manager, led a workshop titled "Careeres in Agriculture." In his presentation, he told delegates, "It's not only what you know, it's who you know, who they know and what they all think of you."

Bryan Lawrence, Coon Rapids, Minn., rounded out the speakers, "Enthusiasm is more contagious than the common cold," he encouraged.

While the AJHA members had the opportunity to listen to the candidates for their board of directors, the NJPHC delegates headed to the American Royal to watch the junior polled Hereford shoe, followed by dinner at the Hereford House. AJHA delegates enjoyed the Hereford House treat, and then took a break to watch the junior horned Hereford show at the American Royal. Afterward, candidates gave answers to delegates' questions concerning their goals, the AJHA and industry issues. Both groups met later to dance the night away.

On Sunday, both groups toured the AHA headquarters, where AJHA members had one last opportunity to question director candidates in a round-table setting. Vespers inspired the delegates to think about the choices they make in life.

National Cattlemen's Beef Association Chief Executive Officer Chuck Schroeder delivered the keynote address. He told delegates, "Progress is never easy. Those that accept the challenge, add dimensions." He challenged delegates to reach out to beef consumers with information and a quality product. "We have a consumer coming along who is three generations from anyone who has spent any time in the kitchen," he said. Schroeder said if the beef industry continues as it has, beef consumption will decline one percent annually. He said beef groups can't continue to carry individual flags. Leadership is required to change attitudes because "our competitors are ready to eat our lunch."

With the group invigorated and ready to accept his challenges, AJHA delegates turned to a more serious point of business and elected three new directors. A ceremonial passing of the traditional red jacket announced new directors Leslie Bennett, Connell, Wash.; Misti Gleason, Putnam, Okla.; and Steven Schohr, Gridley, Calif.; to serve a three-year term.

The final business of the group was to elect officers for the upcoming year. Sam Shaw, Caldwell, Idaho, earned the majority vote to lead the organization as president. The responsibilities of first vice president were awarded to Danny Davis, Maple Hill, Kan. The second vice president duties were assumed by Tami Bishop, Hardin, Mont. Other officers elected were Audra Koester, Dennison, Minn., secretary; Craig Crutcher, Newton, Ill.; treasurer; and Lee Chastain, Ft. Worth, Texas, reporter.

Retiring directors Samantha Dyer, Crawford, Neb.; Kendra Gleason, Putnam, Okla.; and Nick Rausch, Hoven, S.D.; gave words of wisdom to the junior members in individual retiring addresses. Each received a bronzed Hereford bull for their dedication and service to the organization.

As the new officer and director team took the helm, the three-day weekend concluded with recognition of several outstanding juniors and junior state organizations at the AJHA awards luncheon.

Evans To Retire After 35 Years With Angus Association

ST. JOSEPH, Mo. — Keith Evans, director of communications and public relations for the American Angus Association, will retire next April 15 after more than 35 years with the association, reported Richard L. Spader, executive vice president.

Evans joined the association in October 1962 as public relations assistant. In 1968 he was named associate director and manager of the association's national advertising program. Ten years later, he was tapped to head the department.

"I told my wife Shirley in 1962 that we would take the Angus job and move to St. Joseph for three or four years until something better came along," Evans said. "There proved to be nothing better for this Missouri farm boy who loved to write, take pictures, travel, and work with farm and ranch people who raise Angus cattle. I've had opportunities that many people only dream of."

"We hate to lose Keith and his wealth of experience," Spader said, "but he has earned the right to slow down and pursue other activities after 35 years with the association. We have started an executive search for his replacement."

Evans does not intend to drop out of the business. He plans to do free-lance writing, to present programs on advertising and marketing, and continue to write advertising and marketing columns for selected publications. However he will take a four-month sabbatical to travel and spend time with grandchildren before starting any projects.

Under his direction the association has won numerous first place national advertising awards. Two motion pictures he wrote and helped produce won national CINE Golden Eagle awards. In 1984 he began the Merchandising column in the Angus Journal to help Angus breeders better understand advertising and marketing, and to do a more effective job of herd advertising. These columns have won numerous awards and were named best regular column by the Livestock Publications Council. Two books of Evans' Merchandising columns, titled "How to Sell Angus Cattle," are in print, and a third is planned.

Evans edited the Angus Bulletin, which was discontinued after the association purchased the Angus Journal. Since 1985, he has edited the Angus Beef Bulletin, a tabloid publication that is distributed to some 43,000 commercial beef cattle producers who use Angus bulls.

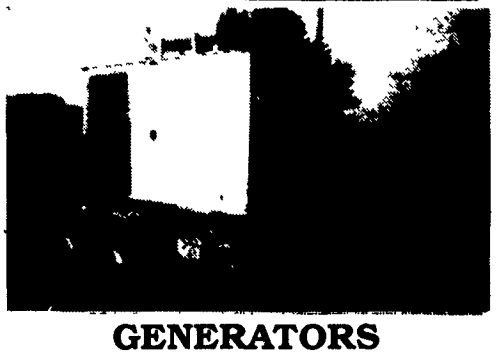
He has written numerous promotional and educational booklets for the American Angus Association. He conducts marketing seminars and speaks on advertising and marketing. Four times he has been called upon to be a national advertising awards judge for the National Agri-Marketing Association (NAMA).

He has worked closely with Angus cattle associations and societies around the world and with their international organization, the World Aberdeen-Angus Secretariat. He has taken part in every World Angus Forum since the first one was held in the United States in 1973. He recently spoke on herd and Angus association advertising at the 1997 World Angus Forum in Sydney, Australia.

A fifth-generation native of Clinton County, Missouri, Evans grew up on a general grain and livestock farm there and graduated from Lathrop High School in 1952, and the University of Missouri in 1956 with a bachelor's degree in agricultural journalism. He worked as assistant manager of the Fort Smith, Akr., Chamber of Commerce before being drafted into the U.S. Army, where he edited the post newspaper at Fort Polk, La. After his discharge, he took a job as writer and photographer for the Chicago Daily Drovers Journal, published in the Chicago Stock Yards.

He met his future wife, Shirley Jean Petersen, in Chicago and they were married there in 1960. They have three children and two grandchildren.

MARTIN MACHINERY



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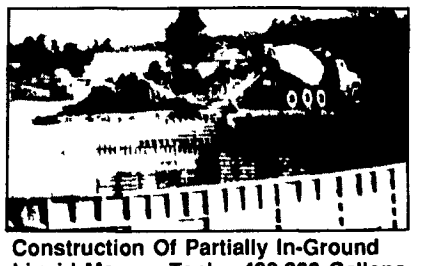
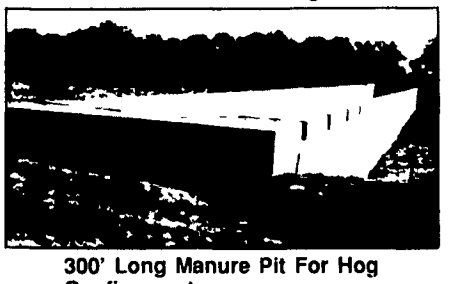
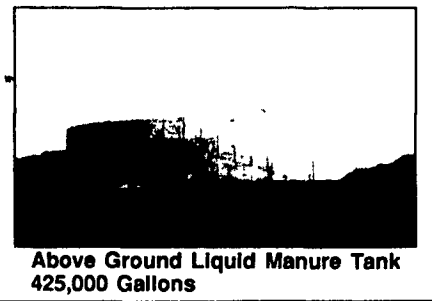


Construction Of Partially In-Ground Liquid Manure Tank - 400,000 Gallons



300' Long Manure Pit For Hog Confinement



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Cost of Humans Doing Dumb Things?

Herbert C. Jordan
Retired Poultry
Professor Penn State

Errors made on farms can potentially cost thousands of dollars a year. Here are a few:

• Hysteria in humans is rarely diagnosed or talked about, but hysterical acts are often fatal. If pent-up emotion in a human is released all at once to try to escape frustration in a high speed car ride, death follows all too frequently.

• Employing or associating with high-risk people can damage a farm operation severely. Beware of people's behavior that have a history of doing dumb things.

• Research or invention on a farm appears dumb or wasteful as new ideas fail time after time until the right idea or goal of testing is reached.

• Some people make errors while working because their mind is elsewhere concentrating on worries or unresolved conflicts in their life.

• Some people error when they are full of hate, anger, or fear because they view the present situation selfishly, not by counting their blessings.

• Sometimes things appear dumb only because the person doing the dumb act is encouraged or lead into it by a mischievous person in a powerful position. The Dumb Act Person can be taken advantage of financially or through intimidation. Beware of intimidators. Do *NOT BECOME ONE!*

• Dumb acts may occur when all things are not considered. MAKE A LIST TO CHECK OFF.

• Simple people may do dumb things if not encouraged to succeed.

• Rushing, speed, and hurrying may cause some people to err or cause financial loss

• Dumb acts occur when people may believe anything because they trust people or are naive.

• Being too young, inexperienced, or negligent may cause dumb things to be done, so the farm loses money, time, and market.

• Reacting to addiction of substances or persecution may cause the addicted person to perform dumb acts.

• People who fail to stop, look, listen, abstain from self damage, or fail to reason may perform dumb acts.

• Sometimes a well thoughtout act can look dumb when done the first time.

• Ask the person: do you have an excuse or a reason for doing a dumb act? Reasons are OK. Excuses are questionable.

• While brainstorming a new idea, listen to all ideas. The many unusable ideas will sound dumb but it is a cost of doing business.

• A dumb act or dumb idea may be 100 years ahead of its time, so it appears dumb.

• A dumb act may be done to mislead others, get even with someone, or to take erroneous vengeance on someone. Employees who fight cause conflict instead of working productively. They can cost the farm too much.

• Tempt a person to do a dumb thing and they may do it, then everyone may lose.

• A person may do a dumb thing because they are setting new limits, like tearing a muscle off a bone in weight lifting.

•Inventors do dumb things or they appear dumb because of trial and error.

• Inventors do dumb things or they appear dumb because of trial and error.

• Auto mechanics who only use trial and error do dumb acts and lose time and money.

To do fewer dumb acts:

• Become better self-disciplined: check and be sure.

• Consider all the facts in the case. Don't be narrow-minded.

• Do not make fun or mock others.

• Humble yourself and say: I do not know, then learn.

• Beware of subtle people or become a subtle reader of acts of others.

• Seek true wisdom supported by useful knowledge.

• Spend time training new or young people or new employees.

• Till the land in all your spare time and grow poultry feed using manure.

• Instruct employees daily. Do not just leave notes for them.

• Make a daily list of things I must do today, then check off items done.

• Leave a simple, clear, written note for people when you will be absent. Have employees communicate with each other.

• Do not ASSUME. Check and make sure.

• Have employees prioritize goals 1 through 10. Spend resources in sequence to not waste time on low priority items.

• Hold training sessions to keep employees qualified.

• Stop telling people what they think. Ask them, listen, then persuade them to change if they are wrong.

• Have a weekly repent session for 30 minutes with all employees. Here, no one is scolded or reprimanded as each employee admits what they erred at or did wrong this week. Have each employee remember NOT TO ERR. Employees are seeing each others errors to avoid making the same errors over and over.

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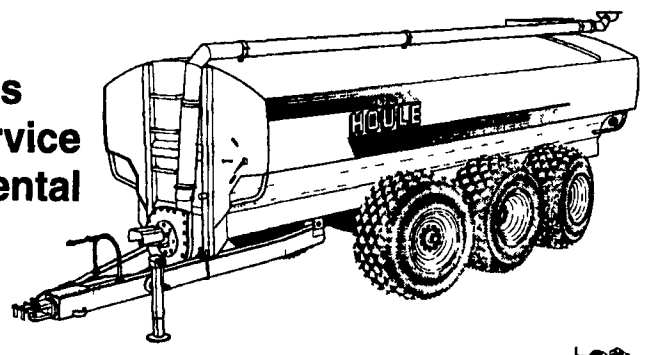

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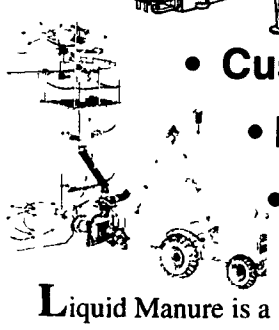

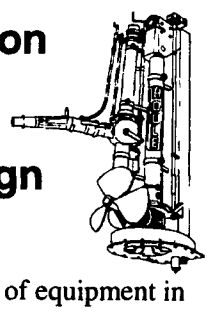

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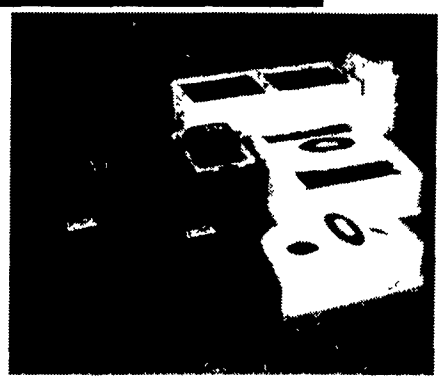

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Penn State Campuses Offer Advantages

UNIVERSITY PARK (Centre Co.) – More than 60 percent of all Penn State undergraduates—including about 400 students in the agricultural sciences—begin their studies at one of 18 Penn State locations around the state. Each of these locations has its own distinctive features.

"The size of the University Park campus can be overwhelming to first-year students," said Marianne Fivek, assistant to the dean for student recruitment and activities in the College of Agricultural Sciences. "Enrolling at Penn State location other than University Park gives students a chance to participate in the same high-quality academic programs in a smaller setting closer to home and sharpen their academic skills before coming to the University Park campus."

Classes in basic subjects such as biology, calculus, and chemistry are smaller, enabling beginning students to receive more individual attention and build a solid foundation for advanced study. Since nine out of 10 Pennsylvanians live within 30 miles of a Penn State campus, most students may reduce expenses by living at home.

Penn State Berks (near Reading) has a particularly strong agricultural program and facilities, including a high-tech greenhouse, a horticulture and soils laboratory, and a food science and microbiology laboratory. Located on the former estate of a local industrial leader, Penn State Berks offers students a country atmosphere just minutes from downtown Reading. A modern library bookstore, residence halls, gymnasium, student center, and classrooms complement the refurbished original stone mansion and barn. Penn State Berks also offers a wide range of cultural events, activities, and organizations, including an active Agricultural Sciences Society.

Applicants to Penn State are encouraged to visit one or more of the Penn State locations to learn firsthand about their programs and facilities and the professional interests of their faculty.

MILK AMERICA'S HEALTH KICK

Livestock Notes

Two New Motor Vehicle Regulations Take Effect

Two important safety regulations now apply to our motor vehicle use habits. It is mandatory that anybody in the front seat of a motor vehicle (car or truck) be wearing the safety belts provided by the manufacturer. This has been true for many years, but under the new law an officer of the law may stop and arrest a person for that reason only. Previously there had to be a primary reason (stop sign violations, speeding, etc.) for the "traffic stop."

Also under a totally NEW regulation, in Maryland, one is required to turn on the low beam headlights whenever it is necessary to use the windshield wipers, regardless of the time of day. That means turn on the headlights, not the parking lights, whenever it is raining, snowing, or the road surface is wet causing need to wipe the windshield.

Both of the rules are based on well known statistics – wearing safety belts saves lives and using headlights reduces accidents. Wear your safety belts, use your headlights, and stay alive!

Lee P. Grant, Specialist, Agricultural Engineering, U. of Md.

National 4-H Engineering, Science, And Leadership Program

Drs Lee Grant and David Ross, Department of Biological Resources Engineering, University of Maryland, accompanied the Maryland team to the National 4-H Engineering, Science and Leadership program in Lafayette, Ind.

The Maryland team placed well in the events they entered with team members taking first and second places in the automotive care and safety contest, third in the bicycle safety contest, fourth in the computer contest, second place in the Learn-to-Earn lawn tractor contest, sixth in the small engines contest, and eighth in the safe tractor operators contest In addition, the team won the Engineering Bowl.

Grand chaired the Learn-to-Earn lawn tractor event and David Ross chaired the bicycle safety event for the National 4-H Engineering, Science, and Leadership Program. Both are also members of the event management committee.

Marketing And Shipping Live Aquatic Products: A Conference Proceedings

Marketing and shipping of live aquatic animals is an expanding industry. Information on strategies for marketing and shipping is needed by growers, harvesters, processors, and shippers. "Marketing and Shipping Live Aquatic Products, NRAES 107, is the proceedings of an October 1996 conference addressing these needs.

The 288-page proceedings includes 49 papers that discuss animal welfare, environmental issues, shellfish, finfish, ornamentals, holding and transport, and marketing and regulatory issues. Information in this proceedings will help improve harvesting, handling, packaging, and shipping technology; identify new business opportunities; provide broader selections for consumers; develop humane handling strategies; and ensure food safety. Specific information is provided on shrimp, abalone, clams, crabs, lobsters, oysters, mollusks, finfish, sole, ornamentals, exotics, and other species

The proceedings was edited by Brian Faust, Alaska Marine Advisory Program and John Peters, Nor' Westerly Food Technology Services, to create a cohesive and consistent proceedings while preserving each author's intent. It includes more than 50 quality illustrations and photos. The authors include industry leaders, equipment suppliers, shippers, regulators, and university professors. They represent more than ten countries, twelve states, and three provinces.

The conference was sponsored by Alaska Marine Advisory Board; Aqua Logic, Inc.; Envirotainer; Nor' Westerly Food Technology Services; Novalek, Inc.; and Tech-Pak, Inc.

"Marketing and Shipping Live Aquatic Products," NRAES-107, is available for $65 per copy plus shipping and handling) from NRAES, Cooperative Extension, 152 Riley-Robb Hall, Ithaca, NY 14853-5701. Shipping and handling is $7 for a single copy within the continental United States. All major credit cards are accepted, and checks should be made payable to NRAES. For more information or a free publication catalog, contact NRAES by phone at (607) 255-7654, by fax at (607) 254-8770, or by E-mail at nraes@cornell.edu.

Milk Composition

The differences in milk composition and yield found between mammals is remarkable. These differences may be affected by many factors including genetics, diet, stage of lactation, and other factors.

One clear example of milk composition varying in swine breeds is in the comparison of a U.S. breed (Yorkshire) and the Chinese Meishan breed. The Chinese Meishan breed is well known for its ability to bear and raise large litters. In addition, Meishan piglets are reported to have a faster rate of maturity than piglets of the U.S. breeds.

The lactation function of the sow and the composition of her milk are important, as well as the number of pigs born. In a study at the University of Illinois (Zou et al. 1992), colostrum and milk composition of primiparous purebred Yorkshire gilts and Chinese Meishan gilts were compared. Gilts were managed the same among groups and were fed the same diets. Samples of mammary secretions were collected on the day of farrowing (collected within 8 hours of birth of the first piglet) and on days 1, 7 and 21 after the day of farrowing.

Milk lactose, fat, and total protein were determined in the samples. At the time of farrowing, lactose content was about 50 percent lower in colostrum from Meishan gilts compared with Yorkshire gilts. By 24 hours after farrowing, lactose in mammary secretions from Meishan gilts was 20 percent lower than in the Yorkshire gilts. Lactose content was not different between these breeds on day 7 of lactation or on day 21 of lactation.

Typically lactose is lowest in colostrum immediately after farrowing and then increases over the next few days postpartum. Lactose is readily digested by the suckling pig to provide a source of glucose for energy.

Total protein in colostrum (within 8 hours of birth of the first pig) was slightly higher in the Meishan gilts than in the Yorkshire gilts. On day 7 and 21 of lactation, the total protein content of the milk from Meishan gilts was lower than in the Yorkshire gilts.

Fat content in colostrum and milk of Meishan gilts was significantly higher than the Yorkshire gilts throughout the lactation period. The greatest difference was on day 1 where Meishan gilts had 10.9 percent milkfat vs. Yorkshire gilts with 6.6 percent milkfat.

Reaching the goal of increased litter must be matched by the ability of the sow to provide sufficient nutrients for the larger litter. Breed differences in colostrum and milk compostion may enter into considerations for increasing litter size. In this example, the highly prolific Meishan gilts produced milk with higher fat content, but lower colostral lactose content. These differences may be eliminated in the availability of these components as energy sources to the newborn piglet.

Alternative Methods of Estrous Synchronization

Several systems are being used for estrous synchronization of dairy cattle. Many herds have been using a two injection prostaglandin (PG) program with a 14-day interval between injections and inseminating cows as they come into heat after the injections. Several years ago the OvSynch program was introduced. This system involves administering Gonadotropin-Releasing Hormone (GnRH) followed seven days later with an injection of prostaglandin (PG) and then 36 to 48 hours the cows receive a second injection of GnRH. All cows are inseminated at a fixed time 16 to 20 hours after this second GnRH injection. Now a third system has been developed. As you might expect this is hybrid between the other two systems. Previously several research groups had shown that when GnRH was given on days 11 to 13 of the estrous cycle the dominant follicle either luteinized or formed a secondary corpus luteum. If these cows received a PG injection seven days later approximately 80 percent had a synchronized heat compared to only 50-60 percent of the cows that did not receive the GnRH. These results suggest that follicular development was more tightly chronized with his approach. does this new system compa

Before comparing the systems it is important to realize the difference between conception rate and pregnancy rate. Conception rate is defined as the number of pregnancies divided by the number of cows observed in heat and inseminated. Pregnancy rate is number of pregnancies obtained divided by the number of cows treated with the respective system (conception rate x heat detection rate). Recently researchers at Kansas State compared the heat detection rate, conception rate and pregnancy rate using the standard two injection PG system (14-day interval) with the newer system administering GnRH seven days before the second injection of PG. The heat detection and pregnancy rates were similar for both systems. For some unexplained reason the conception rate was lower for the system using GnRN seven days before the second PG injection. Overall there was no improvement in fertility with the GnRH treatment.

A multi-university study compared the traditional two injection PG system with the Ovsynch program for heifers and cows. Pregnancy rates for cows that were confirmed pregnant after a single insemination were similar for both programs. However, there was a distinct advantage of using the PG system for heifers. The advantage of the Ovsynch system is that all cows are inseminated at a fixed time without estrous detection. Thus when one compares the percentage of cows pregnant by a set number of days in lactation after several inseminations, for example 120 days, there will likely be an advantage to this system. However, there is the additional cost of drugs and handling cows four times, three for injections and once for AI. The Ovsynch program is especially useful in herds where cattle are not turn-out for heat detection on a routine basis or in herds where heat detection efficiency is low. Research from Florida suggests that Ovsynch timed-AI may be more beneficial during periods of low fertility such as during heat stress. This system should not be used for heifers.

In summary, the use of GnRH as part of the traditional PG program is probably not warranted. The choice between the two injection PG program with heat detection and Ovsynch system with timed-AI depends upon the cost of GnRH, time spent handling cows, the efficiency of heat detection and the cost of routine heat detection.

Michael O'Connor, Dairy & Animal Science Extension

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Don't Let Firewood Insects Bug You

COLUMBUS, Ohio — A 3-inch bug crawling from firewood you brought into your house may sound scary, but insects that hitchhike on firewood into homes are usually harmless, said Ohio State University Extension entomologist Bill Lyon.

"For the most part, firewood insects are a nuisance only by their presence and cause no harm to the home, household furnishings or humans," Lyons said.

Wood can quickly warm a cold room, but it can also serve as a home for nuisance insects. People become alarmed when they notice sawdust pushed out of firewood, hear faint rustling or gnawing noises, and see insects crawl or fly out of woodpiles, he said.

Beetles of all shapes and sizes that bore into wood to eat and lay their eggs are common firewood insects. Some are drab, while others are metallic or brightly colored. The beetles can be as short as one-sixteenth or as long as 3 inches. However, only two of the many beetle varieties will infest structural or interior wood in the house. Most wood-infesting beetles will not reinfest wood that is painted, varnished, waxed or shellacked.

Carpenter ants and termites can inhabit wet firewood stacked on the ground outside. But bringing in these insects with firewood usually will not cause infestations in the house.

"Both are social insects, and the colony becomes so disturbed when the wood is moved, dried or split that establishment indoors is very unlikely," Lyon said. "However, wood stored in damp, moist basements or stacked on the ground outside against the house for several seasons should be avoided."

Other pests that may be attracted to firewood include sowbugs, pillbugs, millipedes, centipedes, spiders, cockroaches, crickets, earwigs, and flies.

Sometimes, yellowjacket wasps, paper wasps and bumble bees build nests in firewood piles, which could be dangerous to people moving or stacking firewood. Their queens may overwinter under firewood bark and emerge early to fly within the house when wood is stored in the warm indoors, he said.

Lyon offers these tips to keep nuisance insects out of the house:

- Store firewood outdoors in an open area, as far away from the house as practical, to keep away insects and debris.
- Stack firewood off the ground to eliminate serious soil moisture problems that lead to wood rot and pest problems. Stacking firewood in loose piles raised off the ground, and splitting or sawing wood into smaller sizes, speeds drying.
- Cover wood with dark polyurethane plastic or sheet metal to keep it dry. During the summertime, the area under the plastic will build up heat, evaporating moisture and killing various stages of insects and other pests within.
- Burn firewood brought indoors immediately. Firewood stored inside more than an hour may warm up enough for insects to emerge from within or under bark and start their spring activities early.
- Try not to save large quantities of firewood form season to season. After one to two seasons, unprotected wood left outside on the ground will become tunneled from many woodboring insects, develop loose bark where nuisance insects can take shelter and decrease in heat value from wood-decaying fungi.
- Trees cut from April to October and left stacked in the woods are very likely to become infested. Always remove logs from the forest to reduce insect attacks.
- The sooner the wood is split, the quicker it will dry and become less subject to insect infestations. Unsplit wood with the bark left on is very attractive to wood destroying insects.

If firewood is infested by insects, it is not safe or effective to treat it with pesticides, Lyon said. Spray treatments applied to the firewood surface will not kill woodborers within and burning insecticide-treated firewood indoors could cause a potential health hazard from the toxic chemical fumes released into the air.

"Any beetles or other insects appearing inside the house can simply be picked up with a vacuum cleaner or broom and dustpan and discarded," he said.

For more information about firewood insects, call your local office of Ohio State University Extension and ask for Extension Factsheets HYG-2065-96 and HYG-2127-94.

Sanders Named Conservation Grants Program Manager

ANNAPOLIS, Md. – Maryland Department of Agriculture Secretary Lewis Riley has announced the appointment of Edward A. Sanders as conservation grants program manager in the office of resource conservation. Sanders formerly worked as a conservation specialist with the conservation grants program.

In his new position as program manger, Sanders will work closely with the state's 24 soil conservation districts to implement the Maryland Agricultural Water Quality Cost-Share Program (MACS). Under the MACS program, farmers receive up to 87.5 percent of the cost to install certain agricultural best management practices to control soil erosion, manage nutrients and protect water quality. Sanders will supervise the cost-share grant application process and oversee the development of grant arrangements between MDA, soil conservation districts and landowners.

Additional duties will involve cost-share oversight for the state Conservation Reserve Enhancement Program. This program provides payments to farmers who convert certain environmentally-sensitive lands into conservation cover, vegetative buffers, or riparian forests.

"We are pleased to have Ed at the helm of our Conservation Grants team," said Riley. "Because of his technical background, Ed brings unique insight based on practical experience into the special challenges Maryland farmers face in protecting our natural resources while maintaining a profitable farm. I'm confident he'll do a great job for both agriculture and the environment."

Sanders has worked for MDA's Office of Resource Conservation for just over a decade serving as a soil conservation technician and planner in the Carroll Soil Conservation District office. Prior to joining MDA, he worked for six years as a full time farmer at a dairy and grain operation in Taneytown. He attended Millersville State College in Pennsylvania.

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1983 Gleaner M3, super nice, hydro, loaded, just out of soybean harvest. Reduced to $28,500. Zeisloft's at 800/919-3322. Financing Available.

1984 Same 4x4 w/loader, 55hp diesel, $7500. 800/919-3322.

1985 MF 850 Combine w/15' grain head, one owner, NH 40 blower. 717/445-5611.

1989 Ford V276 versatile tractor articulated full time 4WD w/Ford front loader, 84" bucket, 48" fork set, 1,800 hours, excellent condition. Call (717)748-1095.

1990 Gehl 4610 skidloader w/attachments, 46Hp Perkins diesel. Good condition, must sell. Call Matt, 410/838-4270.

Bobcat 753 skid loader, 1994 model, 1100 hrs. excellent condition. $11,800. 717-369-4115.

Brand new manifolds for tractors, 1930-1975. 507-433-0073 anytime.

1992 JD 9400 combine, w/920 platform, $75,000. 410-758-6652

1994 10' Tye stubble drill w/legume box, model no. 114-4574, excellent condition. Call (717)748-1095.

1994 580 Case backhoe, 4WD, full cab, 1500 hrs., $39,500. 717-367-9773

1996 JD-770 compact utility tractor, includes 60" mid-mount mower, 25hrs. showroom condition, $13,100. 717-235-1822.

1 Set rubber tracks for 843 Bobcat. GRUMELLIS 717-786-7318

(2) 2hp Lehigh refrigeration compressors, 1 w/ condensor 1/without, $150/ea. 610-932-8551

2940 JD w/148 loader, hi-lo, kop link, 7' bucket, 2-remotes, 81hp, $11,800. 12 Brillion culti-mulcher, $1650. Gehl 312 tandem axle, side discharge manure spreader, poor condition, $350. 717-534-1253.

3400 Ford Tractor, 3pt, live PTO & mower, $5100. 717/532-2007 evenings, Saturdays.

3hp Emglo compressor w/8hp Honda engine. Gideon Zook, 717/548-3376.

(3) Peugeot diesel turbo engines, $350/ea. 215-340-2244

(3) Tobacco bale boxes, 1 Minnich press. 717-933-5224

444 JD corn head, low tin, very nice condition. 717-456-7372

4 barrel hand pumps, $10 each OBO. 717/938-2241.

(4) Gleaner F trade-ins: 3 diesels. All pretty clean. Cheap! Zeisloft 800/919-3322.

93 Case 1840 diesel skidloader, 2600 hrs., new tires, self-leveling bucket, lights, auxiliary hydraulics, excellent condition, $10,900. 717/859-3533.

AC #1200 field cultivator, hyd. fold, 16', $1075; Brillion 16' wing harrow, $875; Brillion 10' cultimulcher, $1400; Pequea 710 tedder, NEW, $1400. 610/562-4464.

Antique tractors: JD 830, 2 cylinder, VG condition, $4,500 firm. (914)566-9184.

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Belarus 250, 30hp diesel, 800 hrs., $3,200. (814)467-8839.

Bobcat 630 skid loader, 30hp gas, nice, $4,800. 717-369-4115.

4R 1240 JD liquid corn planter w/shoes, excellent condition, $675. 609-397-2237

Brillion cultimulcher, 12'; White 10' disc; JD 7000 6R 30" conservation corn planter; large round straw and hay bales. (717)432-8587.

Brillion packer/feeder: (1) 10' pull-type, (1) 8' 3pth, both rebuilt, $2250 each; JD KBA 20&24 disc; NI 323, 1R corn picker $1250; NI 17A, GR. DR. manure spreader, rebuilt, $1450; MM 335 utility tractor V-good, $2550; JD 750 compact diesel, w/loader & new 5' finish mower, $9000. Thom Wheary Jr., 717/687-0102.

Brillion 9 shank coulter chisel, walking tadems, hydraulic coulters, nice, $7,900. (717)867-5410.

Brillion 12' packer w/ sender bearing, $1025; Auger wagon, $650; Dunham 8-tooth chisel plow, 3pt w/ wheels, $950. 610/562-4464.

Bush Hog 3210, 3pt. mower, like new, 10½ ft. $3,800. Used very little. 717-867-4896.

Bush Hog heavy duty scraper blade, rated 125hp. like new. 7:30am-5:00pm 717-949-3769.

Carcher pressure washer, HDS 950, hot and cold water, 3,000 psi, excellent condition, $2,500 OBO. Ask for Butch, (717)898-0129.

Case 1294 tractor, 55hp. 1928 original hrs. $7,500. 301-733-1873

Case 1840 skid loader, 1994 model, 1400hrs. 2 buckets, nice condition $12,800 717-369-4115.

'72 JD 4020, $8,500; '77 Int'l 1486, recent motor work $10,500. 540-674-1533.

CL40 skid loader, 2 buckets, new rims, good tires, all service manuals, extra motor; $5,000/obo 717-938-9119.

Combine MF860 V8 diesel, 30.5-32 tires, hydro 6R cornhead, 18' flex head, 16' rigid head, 2860hrs, $18,000. 304/725-9561.

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Case IH 485 diesel, 1988, 42hp, cab, heater, engine block heater, 2-speed power shift, 2-sets hyd. outlets, excellent condition, $8500. 610-593-2838

Case IH 5130 cab, MFWD, self-leveling loader, power shift, reverser, 3400 hrs., $29,900. (215)795-2281.

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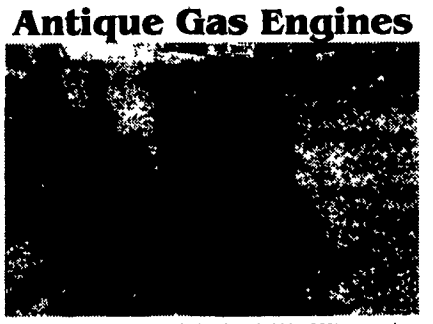

6 HP Woodpecker, hopper cooled, original skids, 90% original engines, runs great	$2,500
3 HP Stover, complete project engine, no mag	$200
1 HP New Way, complete, needs little to run	$800
4 HP Myrick Eclipse, vertical hot tube, runs good, bronze rod	$800
Le Rio 2 cylinder, radiator cooled	$150
Le Rio single cylinder, hopper cooled	$150
15 HP Reid, 95% complete, with clutch pulley needs restored	$1,500
20 HP Bessemer, oil field engine, needs rear rod bearing shells	$1,500
4 HP White, hopper cooled, no mag	$300
1 5 HP Headless Fairbanks, on original metal skids, good hot mag, complete engine	$650
1 5 HP Headless Fairbanks, on skids, hot mag	$550
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1750 6R Planter	2018 Rotary Cutter	

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JD 955 MFWD, Turf Tires, w/70A Loader, Low Hrs. ..... Coming In
JD 6200 MFWD, Open Station, P.Q. Trans, Rear axle, radial tires, 750 hrs. $39,900
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JD 6400 4WD, Dual's, 4 Remotes, Low Hrs. ..... Coming In Off Rent $69,900
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New H&S 16' 3 beater forage box on 12-ton running gear $9,500

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JD 455, 60 Mower Demo Model, Full Warranty — CALL

JD 214, 47" Mower, 37A Snow Thrower	$2,850
JD240, 46" Mower w/Bagger	$2,800
Ford LS45	$2,500
JD 212 w/47" Mower	$2,200
Snapper LX130H w/Bagger, Low Hrs	$1,875
JD 170 w/ 38" mower	$1,995
Kwick Way loader for JD 400 series garden tractor, new condition	$2,300

USED COMBINES

JD 9400 Combine 1400 Sep. Hrs	$55,000
JD 6620 Side Hill 215 Flex Head 643 Corn Head	$36,000
1996 JD 9500 Contour Master 4WD Low Hrs.	$120,000

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Ford 309 2R Corn Planter	$350
IH Model 55 Chisel Plow 10", High Clear.	$1,250
IH 14' Chisel Plow	$1,350
JD 210 Disc	$1,575
JD KBA, 13' Disc	$1,800
NH 16' Forage Box w/Tandem running gear, 3 beaters & roof	~~$3,600~~ $3,500
Vicon GMR 3200 Discbine	$5,900
NH 492 Haybine	$6,300
NH 469 Haybine	$1,750
JD 920 MoCo	$12,000
JD 1209 Mower Conditioner	$1,750
JD 1219 Mower Conditioner	$4,500
JD 8250 10' Drill	$2,975
JD 495A 4R planter	$575
JD 35 Harvester w/2R 30" Corn Head	$2,500
(2) JD 653A Row Crop Heads	$2,000/pair
Amco TJ3 Terrace Disc	$2,500

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Woods Model 315 15' Batwing Mower	$5,750
Haban 4' Sickle Bar Mower, ideal for Compact Tractor	$800
JD 535 Round Baler	$13,500
NI 555 Baler w/Ejector	$3,000
NH 271 Baler w/ Thrower	$2,200
JD 336 Baler w/ ejector	$3,500
JD 875 4R Minimum Till Cultivator, Like New	$3,850

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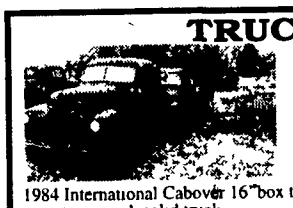
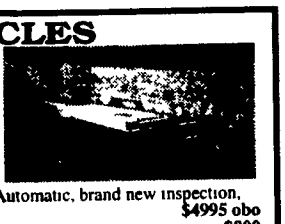
JD 750 10' Drill, used for 100 acres	$20,500
Ford 60" 3 pt. flail mower, never used	$2,300
Landpride 48" Over Seeder	~~$5,000~~ $4,000

TRUCKS and VEHICLES





1984 International Cabover 16' box truck w/liftgate, 6 9 Diesel, Allison Automatic, brand new inspection, just serviced, solid truck	$4995 obo
1976 Ford C-600 16' flatbed V8 automatic needs trans work, 6 new tires	$800
1984 International School Bus, 72 passenger with side lift gate, seats are out, good solid truck be creative crafts flea market, etc	$1,000
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1946 International 12' flatbed, very solid truck, runs and drives, six new tires, needs master cylinder	$1,000
1949 White 16' flatbed solid truck, runs great, needs brake work	$800
1968 Dodge Dart, 2 door hardtop, 273 v-8 automatic, ps and pb, 4 new tires, new exhaust	$995
1977 Cadillac sedan Deville, runs good, everything works, solid car, needs tires	$500
1990 International 16' flatbed construction trailer, new tires, new floor	$1,500

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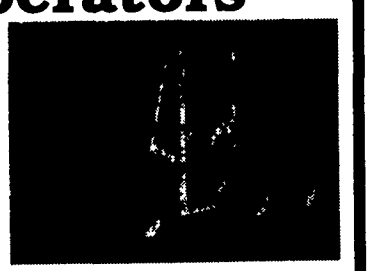

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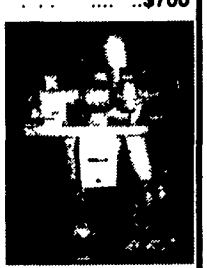
5 HP vertical tank air compressor, 10 years old, looks good $200
Bridgeport milling machine, J head mounted on Gorton base, oldie but a goodie $800
9" South Bend Lathe, bench model, complete motor, chuck, tool post, tool holders, etc $700
10" Logan Lathe, single phase, complete on cabinet with tooling $900
2 Grinding/Sharpening Stations, lots of pieces, believed to by cylindrical grinding equipment $200 ea.
Engine Carts, 4 cast iron wheels with steering, $50 ea.
Large old Hamilton Lathe, big and heavy $200
2 cylinder Viking 2 wheel garden tractor, plow and cultivators $100



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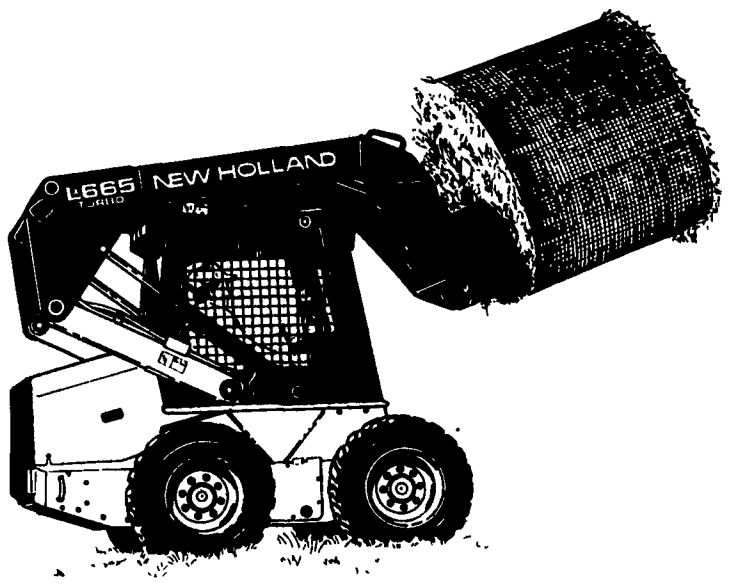

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When you've got a tough job to do, you need the awesome power and reliability of the New Holland Model Lx665 Turbo Super Boom™ skid-steer loader.

Super Boom features durable hydraulics, a reliable electronic system, solid state instruments and the Pick Up 'n Go™ universal attachment system.

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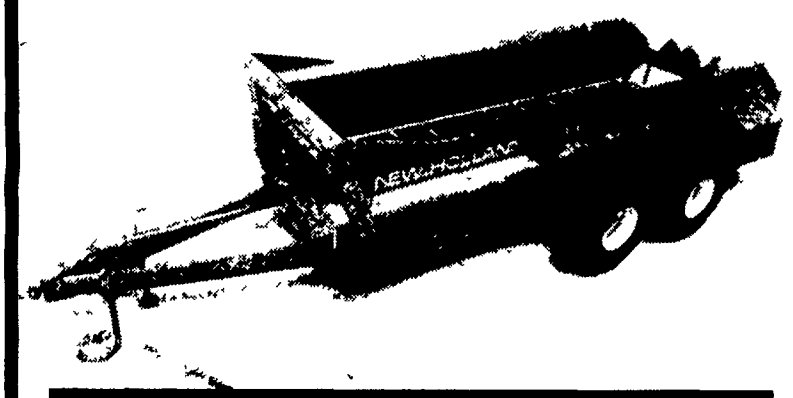

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- IH 584 Tractor
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- NH 770 Harvester
- NH 890 Harvester
- 890A Auger Base w/890W Pickup & 890 3 RN Corn Head
- NH 27 Blower
- NH 28 Blower
- NH 499 Haybine w/New Rolls
- NH 489 Haybine, Nice Rolls & Paint
- (2) NH 489 Haybine
- NH 488 Haybine
- NH 411 Discbine
- JD 1219 Mower Conditioner
- (2) NH 256 Rake
- NI 4151 Bar Ra SOLD
- NH 162 Tedder
- NH 144 Windrow Inverter
- NH 310 Baler w/Thrower
- NH 326 Baler w/Thrower
- Hesston 555T Round Baler
- Deutz-Allis GP230 Round Baler
- JD 27 14 ft. Flail Chopper
- JD 8250 Grain Drill
- AC 2300 13 ft. Disc.
- AC 4-Bottom SOLD d Plow

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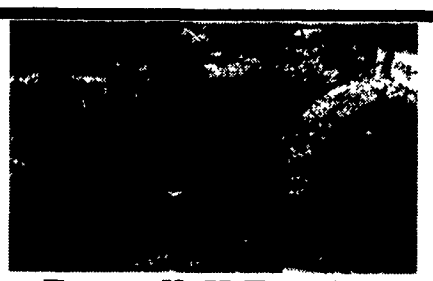

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Woods C80 80" 3 pt. Mower
Woods D80 80" Pull Type Mower
Gehl 262 10' Rotary Rake
Case 1390 60 HP, 2000 hrs.
NH 320 Baler w/Thrower
ATI 80" Preseeder
Kubota B20 20hp Loader Backhoe
Kubota L2850 DT w/Loader
Kubota B7100 HSD w/ Rear Mower
Yanmar 187 DT w/Woods Mower
Yanmar 186 D w/Dozer Blade
Yanmar 180D
Ford 1220 HSD, 4WD, 60" Mower

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Mitsubishi MT 372, 15 HP, 48"
Hustler 251 KTS, 20 hp, 52" mower
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JD 4240 QR Trans, Cab/Air, 1 Owner
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JD 4240 cab, QR trans, nice	$18,500
JD 4430 cab QR, 20. tires, 1978	$16,500
JD 2355, ind. PTO, 2600 hrs , nice	$14,800
JD 4430 Cab, SR trans, new eng. 3,000 hrs ago	$13,800
JD 2355, ind. PTO, rollbar, flat-top fenders, orig	$13,700
JD 2155 turf tires, excellent condition	$12,800
JD 4320, 1972, Overhauled, 1 Owner	$12,500
JD 2550, PTO, New Paint, G Tires, Exc	$12,500
JD 2140. 75 hp same as JD 2750	$11,900
Case 1845C late model, new tires	$11,600
JD 2030 w/new loader & joy stick	$11,000
JD 4230 QR trans, 4 post, orignal 1-owner	$10,800
JD 2440 hi/lo, 1982, new motor nice	$10,700
JD 2030 Diesel, w/JD 48 ldr, 4500 hrs.	$10,600
JD 2040 (2550) Cab, Ind. PTO Hi-Low	$10,500
JD 2840 hi/lo, 2 hyd., 4800 hrs , gd. cond	$9,800
JD 2040 S, 65 hp, 1986, same as 2550	$9,200
JD 2440 hi/lo, 2 hyd., 1 owner, 5140 hrs.	$7,500
JD 2030, new motor, ind. PTO, new paint, nice	$7,400
JD 2130, diesel, ind. PTO, 65 hp, nice	$7,300
JD 1130, Ind PTO, hi-low, 45 hp., nice	$7,200
JD 2130 hi/lo, 239 eng., 65 hp	$7,100
JD 2020, hi/lo, ind. PTO, nice condition	$7,000
JD 2240, ind. PTO, 38" R&P wheels	$7,000
JD 2030 diesel, ind PTO, nice.	$6,900
JD 4020 Diesel, NF, new paint, 1968	$6,800
JD 1120 ind PTO, new paint, good	$6,000
JD 265 loader w/joy stick valve for 4250	$4,900
JD factory WF for 3020 thru 4020, new	$1,350
JD factory cab off JD 4020 fair condition	$1,000
JD Yellow roof roll bar for 3020, 4020, new	$950
18.4x38 10 Bolt Axle Duals Off JD 4250.	$850
NEW, 5' 3 pt King Kutter mower	$790
JD Yellow roof roll bar, for any utility tractor	$600
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Case IH 5240, cab, power shift, 2-wheel drive, fully loaded, 980 hours, $34,500. Case IH 520 Loader, $4,000. Both in like new conditions. 717/653-5359.

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JD 8100 MFWD	$73,000	O
JD 7800 MFWD	$74,000	W
JD 7700 MFWD Power shift w/740 loader	$64,500	O
JD 7400 MFWD w/Cab	$36,500	O
JD 6400 MFWD w/Cab + 640 Loader	$39,500	O
JD 6300 MFWD w/Cab	$30,000	O
JD 4455 MFWD w/280 loader	$55,500	W
JD 4450 MFWD w/280 loader	$37,000	W
JD 4255 MFWD	$40,000	W
JD 4440 Cab Quad Range	$24,500	W
JD 4030, 3600 Hrs	$10,500	O
JD 4020 (1970) Side Console, PS Restored Condition	$25,000	W
JD 1250 Tractor w/Front Blade	$12,500	W
JD 970 MFWD, 200 Hrs.	$15,900	W
JD 950 2WD w/Ag tires	$8,000	W
JD 775 MFWD w/Loader & 60" Mid Mower	$12,900	W
JD 670 2 WD, Turf Tires Low Hrs.	$7,400	W
JD 650 2WD	$5,900	W
Case 1840 Skid Steer Loader	$14,500	O
Case 275, 1463 Hrs.	$6,250	O
IH 234 w/60" Mower	$7,000	W
IH Cub w/Cultivators	$2,400	O

COMBINES

JD 4425 Combine w/913 Ridig Platform & 443 Corn Head	$30,000	W
JD 444 Corn Head w/Sidehill Drive	$2,500	W
JD 9500 Sidehill Combine	$130,000	W
JD 9500 Sidehill Combine	$104,000	W
JD 9500 Combine	$55,000	W
JD 6600 Sidehill Combine w/215 Platform	$17,000	W
JD 6600 Combine w/Platform	$4,000	W
JD 4420 Combine w/443 Cornhead	$15,500	O
JD 693 Cornhead	$18,000	W
JD 643 Corn Head	$6,500	W
JD 643 Corn Head	$9,500	W

HAY & FORAGE

JD 6610 Self Propelled Forage Harvester, 4WD w/3 Meter Pick-up	Coming In	W
JD 5720 Chopper 4WD w/4 Row Corn Head	$69,000	W
JD 676 Rotary Corn Head Used 2 Seasons	$35,000	W
JD 3970 Chopper w/3 Row Corn Head Sold New In 1997	$25,000	O
(2) Meyer 4516 Forage Wagons w/Tandem Axle, New In 1997	$8,500	O
JD 300 Corn Picker w/2RW Head	$6,800	W
Newe Idea Cornpicker w/12 Row Husking Bed, 2RW	$2,500	W

HAY EQUIPMENT

Case 8830 Self Propelled Conditioner	$19,500	O
JD 530 Round Baler	$10,000	W
NH 575 Baler w/Ejector Like New	$13,500	O
JD 1209 Mower Cond	$2,400	W
NH 489 Mower Conditioner	$2,250	O
3) John Deere 435 Balers	From $14,000	W
JD 348 Baler w/ Ejector	$9,500	W
MF 124 Baler w/Ejector	$1,500	W
NH 259 Hayrake	$1,400	W
John Deere 1360 Mo-Co	$8,900	W

IMPLEMENTS & MORE

JD BW Disk 14'	$1,050	O
JD F145 5 Bottom 16" Plow	$1,100	O
Case 14 9 Shank Ripper w/Coulters	$7,200	W
JD 885 No Till Cultivator.	$4,300	W
Hutch Master 12' Offset Disk	$2,200	W
JD 400 Rotary Hoe	$1,000	O
JD 8350 Grain Drill	$2,400	W
John Deere 8300 Drill	$3,000	W
Landpride 15' Batwing Mower	$8,000	O
JD 709 Pull-Type Rotary Mower	$2,100	W

W = Whiteford Location
O = Oxford Location

DA 7085 20-spd trans.; Deutz 7007, good condition, $5700. Lancaster Co. 717/445-6720.

DEUTZ DX90, CAH, new rubber, recent engine, clutch, trans. $7,000. 410-833-9091

Deutz 4006 tractor $3,000. Oliver disc #241 $850. Fox 2310 Harvester $1,200. 80hp Deutz engine $3,000. Deutz engine parts. (717)354-7267.

Diehl straight line rip saw, excellent condition, 20hp main motor, glue joint cut, three blades. Call (717)748-1095.

Diesel irrigation pump, 1600gpm, Raised bed plastic mulch layer, 609-758-2440.

Dismantling for Parts: Hundreds of farm tractors new and old several JD 2 cylinders also dozers and track loaders. Call for any part you might need. Atkins Tractor Salvage. Union WV 24983. Phone 304-772-3741.

Dismantling for parts: Case, NH, Bobcat, IH, HydroMac, Toyota and Mustang skid loaders. New, used, reconditioned parts for Kubota, Ford, Wisconsin, Perkins engines, Cessna, Vickers, Sunstrand hydrostatic transmissions. G.D. Equipment, 717/859-3533.

KELLER'S FARM MACHINERY

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Quakertown, PA 18951
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Ford 445D loader & cab, New
Ford 5600D, PS, live PTO
Ford 3400 G, w/Rear Mounted Forklift
Ford 4600 w/Ford loader
Ford 1710, 4x4 w/loader & backhoe
Ford 5000D 8 Speed w/Loader
Ford 8700 Cab, Air
Ford TW10 Cab w/ Duals
Ford 4000G, SU 8 Speed
Ford 801, PS, w/loader
Ford 340 loader, 3pt, PTO
Ford 600, 5 speed, live PTO
Ford 2120 2WD w/loader
JD 350 loader backhoe, on tracks
Farmall Cub w/IH belly mower
AC 615 loader, 3 pt PTO
IH 656D w/IH loader
IH 574 gas, PS, live PTO
Case 580C w/cab LBH
Case 430, 3 pt. w/loader
Ford 655A 4x4 w/cab loader & backhoe
Kubota L175 w/Snowplow & Woods Mower
MF 175D, 8 Speed
MF 35, w/ live PTO
NH 354 grinder mixer
NH 851 Round Baler
Myers 225 PTO spreader
AC 2R mounted corn picker

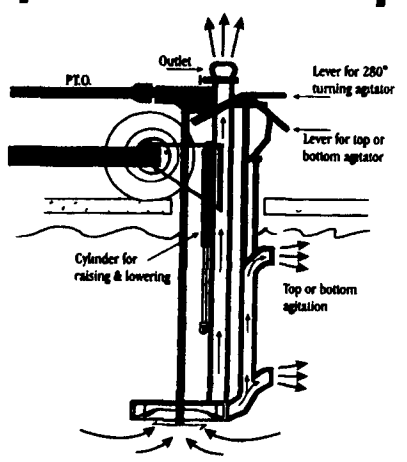
USED TRACTORS

- JD 855 Tractor, 2WD, w/Loader, Showroom Cond $9,900
- IH 966 ..... $8,900
- IH 826 Cab, Nice! $8,750
- IH 1066 cab & air $10,900

USED EQUIPMENT

- New Idea 323 Corn Picker (like new)...$3,000
- NH 402 Crimper $1,000
- NH 316 Baler w/thrower, Excellent $6,900

Liquid Manure Pit Pumps



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AVCO VM

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8 Miles East of Lancaster
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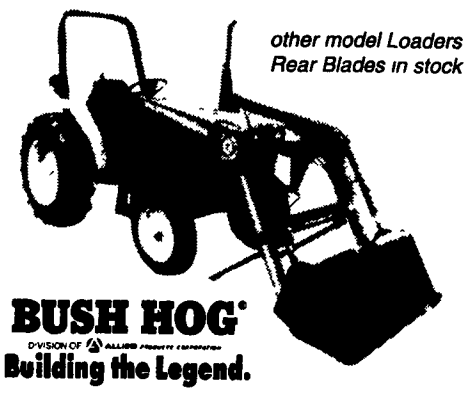
A COMPLETE FAMILY OF LOADERS FOR OVER 1400 TRACTOR MODELS.

The Bush Hog QT Line of Front End Loaders now match over 1400 tractor models. Eight different loaders.

SPECIAL PRICE - $1,500
Base Loader, Green, Model 1845 QT mounts to fit 12 to 21 HP Tractor - 2 WD or 4 WD



other model Loaders & Rear Blades in stock

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DIVISION OF ALLIED PRODUCTS CORPORATION
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TRACTORS

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JD 4960 MFWD, 200 PTO HP, P/S, DUALS, WEIGHTS, 1654 HRS $72,800

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JD 325 POWER FLOW, 48" DECK $4,795
JD STX38 HYDRO, 38" DECK, MULCH KIT, LIGHT KIT, 1996 ..... $2,000
JD LX172, 14 HP, 38" MOWER $1,995
(2) JD F935 FRONT MOWER, DIESEL, 72" MOWER 1995 ..... $8,995
JD F1145 4WD FRONT MOWER, DIESEL, 72" MOWER 1995 ..... $13,995
KUBOTA L185 DIESEL W/60" BELLY MOWER $4,795
KUBOTA T1400H 40" DECK, HYDRO, 400 HRS 1993 ..... $1,695
CUB CADET 1105, 11 HP, 38" DECK $1,195

WINTER SPECIAL — **$4,500**
Curtis Cab, Hard Side, Heater, Fits JD 755, 855, 955 — Installed FOB Our Shop

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(2) JD 9500 CORN COMBINES, 1994, W/ CHOPPER, 1310 SEPARATOR HRS , 1335 SEPARATOR HRS ..... CALL FOR PRICES
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JD 215 GRAIN PLATFORM, FLEX 15' $2,495
JD 643 6RN CORN HEAD $10,900
JD 643 6RN CORN HEAD $12,800

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NH 489 MOWER CONDITIONER 9' $2,995
JD 1219 MO-CO, HYD TONGUE POSITIONER, 1990 ..... $4,495
JD 1219 MOCO, PULL ROPE POSITIONER, 1989 SOLD $4,295

PLANTERS/DRILLS

JD 450 32' FOLDING DRILL, 54 X 7 5 ..... $14,995
JD 8300 DRILL W/GRASS SEED ATTACH, 18 X 7.5 ..... $2,300
JD 8350 DRILL FERT. BOXES GRASS SEED $1,995
JD 7000 6RN, DRY FERT, MONITOR & MARKERS $6,500
JD 7000 6RN, LIQ FERT, MONITOR, FRESH IRON $7,995
JD 7000 6RN, DRY FERT, AUGER FILL, FR COULTERS ..... COMING IN
JD 7200 12 RN PLANTER, MONITOR, LIQ FET, VACUUM, MARKERS $32,500
JD 7200 6 ROW, LIQ FERT, 200 MONITOR $16,948
IH 56 4 ROW CORN PLANTER, LIQ & DRY FERT $1,495
IH 400 CYCLO AIR 4 ROW CORN PLANTER ..... COMING IN

TILLAGE

JD 714 MULCH TILLER, NEW ST. BLADES, 17 SHANK $9,495
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BRILLION 23'6" FIELD CULTIVATOR W/TINE BAR W/HITCH $11,200

MISCELLANEOUS

JD 1008 ROTARY CUTTER, 10 FT., 1000 PTO $3,495
CASE 25+4 TRENCHER 24 HP, 4WD, Only 474 Hrs. $6,995
JD STRAW CHOPPER FOR 6600 COMB (NEEDS DRIVE) $375

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(Preferably Still Alive)

$$$$500.00 Bounty

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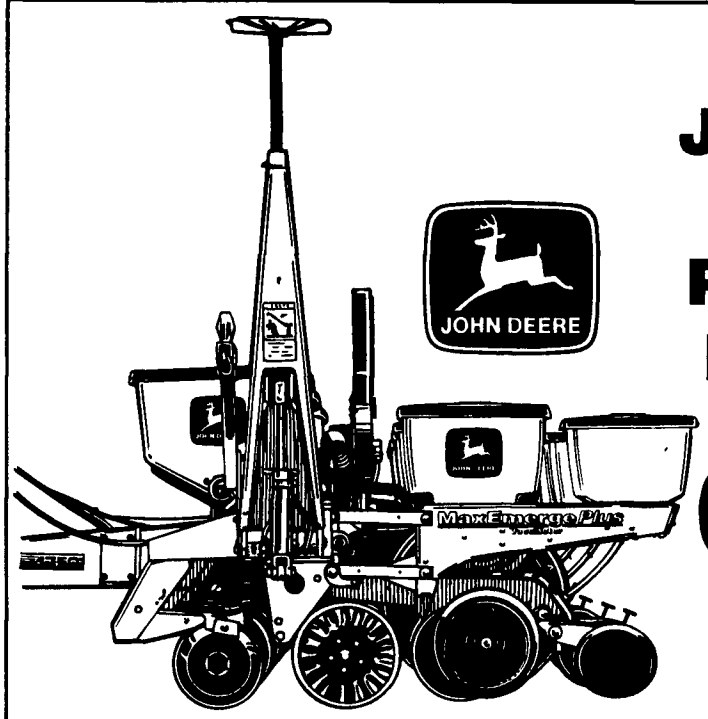
(Any Competitive Make Skid Loader Gets You An Extra $500.00 Trade Allowance)



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John Deere 6-ROW PLANTERS IN STOCK
With
0% Financing
Till April 1, 1998
Call for Details

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TAKE ADVANTAGE
of BEST PRICE on 23 ft., 25 ft., & 28 ft.
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NO INTEREST
NO PAYMENTS
FOR ONE YEAR

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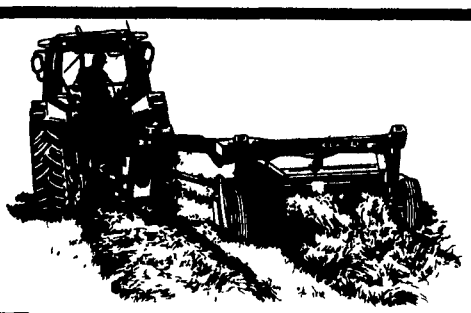
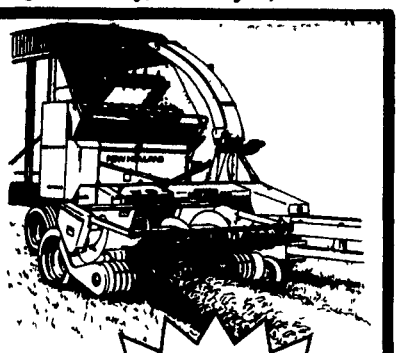
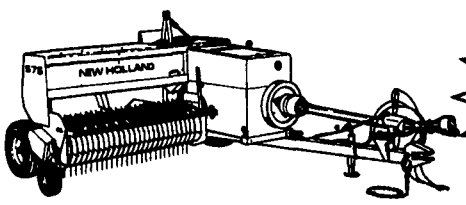
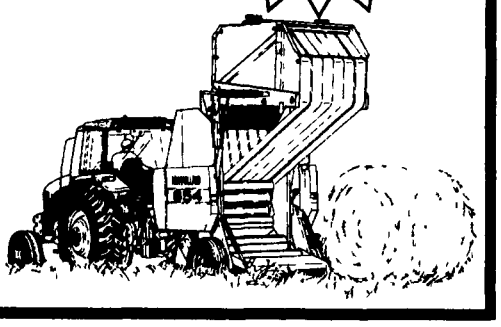






See Us At The Keystone Farm Show Jan. 6 & 7 York, PA.



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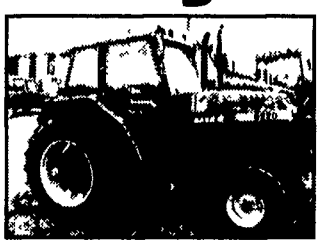
Best Buys in Used Equipment

Case IH 7210 Magnum



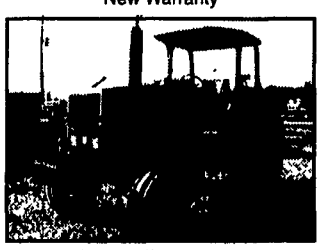
Case IH 5220, Cab, 2WD, 51 Hrs , New Warranty

Ford TW-35, Series II Tractor, 3-Remotes, Front & Rear Weights, (A)

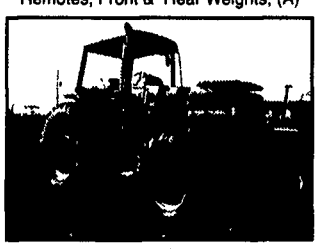
Case IH 2294 Tractor w/Loader, 2 Remotes, New 20.8x38 Tires

JD 2010 Tractor, 4 cyl Gas, 45 HP (A)

Case IH 5250, 2WD, Powershift, Cab, 459 Hours

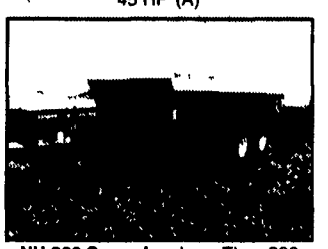


7600 Agco Allis, 254 hrs., Dual Remotes, Like New



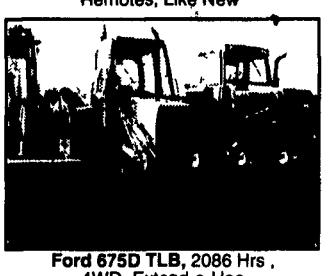
7120 MFD Case IH Magnum, 3 Remotes, Dual PTO, 4 Past R O P.S

Kubota L5450 w/Loader, Backhoe, 4WD, Cab, 7 Hours, Hyd Shuttle

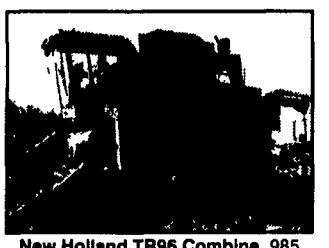


NH 308 Spreader, Less Than 200 Loads, Like New, (A)

Komatsu Track Back HLC (A)



Ford 675D TLB, 2086 Hrs , 4WD, Extend-a-Hoe



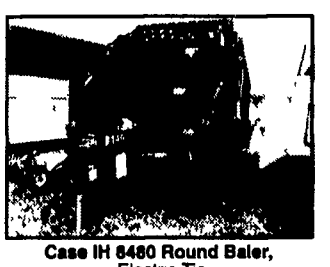
New Holland TR96 Combine, 985 Hrs , 4WD, Straw Chopper, Excellent

JD 6810 S.P. Harvester, 4WD, 6R Kemper Head, Window Pickup

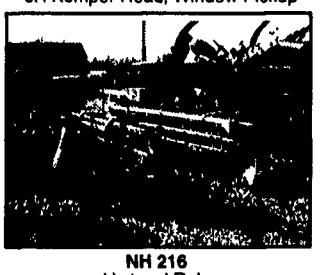
NH 1499 Haybine Diesel, 990 hrs , New Rolls (A)

IH 5000 Haybine Diesel, 12' Head, Air (A)

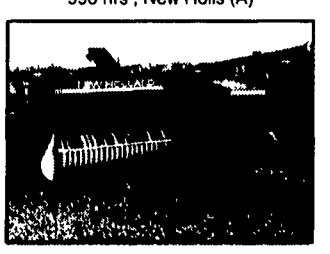
NH 499 Haybine, Hydro Swing, 12' Head (A)



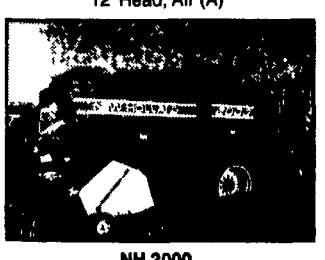
Case IH 8480 Round Baler, Electric Tie



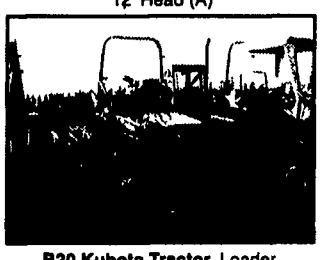
NH 216 Unitized Rake



New Holland 326 Baler w/70 Thrower, Hydromatic



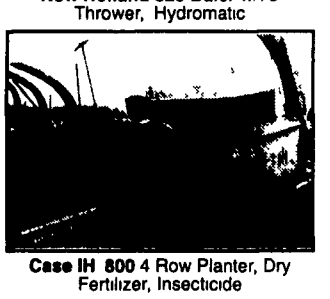
NH 2000, Big Square Baler



B20 Kubota Tractor, Loader Backhoe, 352 hrs, Excellent

LX885 NH Skid Loader w/bucket, Aux Hyd

Case 1845C Skid Loader, Auxiliary Hydraulics



Case IH 800 4 Row Planter, Dry Fertilizer, Insecticide

TRACTORS
- Case IH 7120, 4x4, Duals, 3,800 Hrs. exc condition
- Agco Allis 7600, 254 Hrs, ROPS w/roof
- Case IH 7210, 4x4, 850 Hrs.
- IH 3088 - Nice!
- White 2-105, 4WD
- White 2-135, Cab, Duals, 1906 Hrs.
- Case IH 5220, 2WD, Cab, 50 Hrs., Power Shift
- Case IH 7120 4WD ROPS
- Case IH 2294 w/Loader Cab & AC
- Case IH 5250, 115 HP, 2WD w/Cab
- IH 1066 Tractor w/Cab
- Ford 9700 (A)
- Ford 6610 (A)
- Ford 4630 4WD w/Loader (A)
- Ford 7000
- Ford TW35, 4WD (A)
- Ford 2000 Turf Tractor (A)
- AC 180 Tractor (A)
- MF 240 - 42 HP, 826 Hrs , Like New

COMPACT TRACTORS
- Ford 2110 4x4 w/Loader
- Kubota L3650 4x4 w/Loader
- Kubota L5450 Tractor/Loader/ Backhoe w/Cab - like new
- Ford 1520 4x4 w/Loader
- Ford 1100 4x4 w/Belly Mower (A)
- Kubota B7100, 60 Hrs. w/New 60" Mower, 4WD, Hydro
- Kubota B7200 w/Mower (A)
- Kubota L2050 w/Mower & Front Blade

PLANTING & TILLAGE
- IH 140, 3 Bottom Roll Over Plow
- Brillion 9 Shank Chisel Plow
- Case IH 4200 Combo-Mulcher Finisher 14'
- IH 370 12' Disc Harrow
- IH 350 10' Disc
- IH 800 4RN Planter w/Dry Fertilizer, Nice
- JD 10' Cultipacker
- White 271-19' Rockflex Disc Harrow
- Brillion 12' Packer
- Brillion 11' Cultipacker
- Littleston Rolling Cultivator (A)

SPREADERS
- NH 213 Spreader w/Top Beater
- NH 520 Spreader Hyd. End Gate - Nice (A)
- NH 514 Spreader w/End Gate
- 800 Gal. Vacuum Manure Tank
- Case IH 595 Spreader
- NI 361 Spreader (A)
- NH 510 Spreader w/Endgate
- NH 306 Spreader - Like New (A)

CONSTRUCTION & INDUSTRIAL EQUIP.
- Ford 350 Ind. Tractor Loader
- Ford 555A Tractor, Loader, Backhoe
- 11MD Bradco Backhoe
- Komatsu Excavator (A)
- Ford 335 Tractor Loader (A)
- Ford 675D Tractor Loader/Backhoe
- Kubota B20 Tractor/Loader Backhoe 4x4

END-OF-THE-SEASON S.P. EQUIPMENT
- FX 45 Demo Unit - SAVE $$$
- FX 25 - 4 Row Corn Head, Pickup, 750 Hrs, Like New
- JD 6810 Harvester w/6R Kemper Head & Pick-up
- TR96 Combine 975 Hrs.- Like New!

HAY & FORAGE
- Hesston 1260 Forage Harvestor, 3 Row Corn Head & Pickup
- JD 672 Rake w/Dolly Wheels
- JD 1460 Disc Bine
- NH 415 12' Disc Bine
- JD 348 Baler (A)
- JD 346 Baler w/Thrower (A)
- NH 2000 Big Sq Baler
- NH 853 Round Baler
- NH 575 Baler w/72 Thrower
- Ford 532 Baler
- NH 565 Sq. Baler
- NH 650 Round Baler w/Auto Wrap (A)
- NH 855 Round Baler (A)
- Case IH 8440 Round Baler, Exc
- Deutz Fahr GP 250 Round Baler 4x4
- NH 326 Baler w/Thrower
- IH 5000 SP Mower/Conditioner
- NH 489 Haybine
- NH 488 Haybine
- NH 492 Haybine (A)
- NH 489 Haybine
- NH 499 Haybine (A)
- NH SP 1469 Haybine, 9 Ft
- NH 1499 Haybine (A)
- NH 892 Harvestor 824 Corn Head, Good Cond
- NH 782 Forage Harvestor
- NH 216 Hyd-Fold Rake, Up to 27'
- NH 40 Blower
- IH 35 Rake w/Dolly Wheels
- NH 315 w/Thrower
- NH 320 Baler w/Thrower
- NH 256 Rake (A)
- Deutz Fahr 9' PTO Rotary Rake
- Deutz Fahr 4 Spinner Tedder
- Gehl 750 Pull-type Harvester w/2 Heads
- Badger Forege Wagon (A)
- NH 144 Invertor

SKID LOADERS
- NH L325 Skid Loader w/Bucket
- NH LX 885 Less than 500 Hrs (A)
- Case 1845 C w/Bucket-Nice!
- Gehl 450 Skid Loader w/Bucket
- NH L553 Skid Loader w/Bucket
- NH L555 Skid Loader Aux. Hyd , New Tires
- NH 553 Skid Loader (A)
- Case 1845B Skid Loader- Diesel

USED LAWN & GARDEN
- Cub Cadet 1641, 46" Deck, Like New, Only 69 Hrs
- Kubota G1900 4W/Steer, 48" Mower
- Cub Cadet 2284, 48" Deck
- Cub Cadet 1864 w/46" Deck

MISC.
- 705 Uniaystem w/4 Row Picker (A)
- JD 583 SP Harvestor w/Processor (A)
- Ag Chem, 500 Gal , 45' Boom, Excellent!
- Richardson Dump Wagon
- South East 14' Skid Loader Trailer
- Leley 4 Ton Spinder Fert Spreader, Tandem Axle
- NI 323 1 Row Corn Picker - Like New!
- 3pt Sweepster Broom
- Grain-O-Vator Cart - 80 Bu
- Woods FM72 Flail Finishing Mower
- Friends 375 Gal Trailer Air Blast Sprayer
- Large Bale Grapple Hook
- 2 Row McConnel Potato Planter Exc Cond
- Zimmerman 300 Gal Sprayer 45' Hyd Fold Boom Foam Marker, Electric Controls
- Woods 20 Batwing Mower (A)

MESSICK FARM EQUIPMENT, INC.

Rheems Exit - Rt. 283, Elizabethtown, PA 717-367-1319, 717-653-8867

CASE IH

Excavator: 1990 Yanmar, diesel, 6,000 lbs., 18" bucket, blade, rubber tracks, $12,500. (814)467-8839.

Fancy! Fancy! Gleaner F2 hydro, only 1150 hours!! Rare find. $14,300. Zeisloft Used Farm Eq. 800/919-3322.

Farmers = Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

FOR SALE: Small farm equipment, plows, packers, discs, harrows, mowers, crimpers, tedders, rakes, etc. Trade ins welcomed. NH mowers, rebuilt and guaranteed, engines, hydraulics, crimper hookups available. KIRKWOOD REPAIR, 550 Coopers DR, Kirkwood, PA. 17536. 717-529-3299 8AM-8:30AM.

Ford 1910 w/loader, 1400 hrs. 30hp. $5,900. 717-369-4115.

Ford 3400 backhoe loader w/3 cyl diesel engine, good condition, $7,200 or make offer. (610)683-5970.

Ford 4500 tractor loader, excellent condition, low hours, completely updated, available forks, weight box, backhoe, extra tires. 908-236-6542 after 6:00pm.

Ford 5000, dual power, dual remotes, excellent. 540-828-6101

Ford 8210, 100hp, 4WD, cab, air, ONLY 400 HOURS, $30,000. 1-800-722-0466 (Chris)

Ford Genesis 8970, 4WD, super steer, '96 model, 5-year warranty, $59,995. (717)867-4896

Forklift masts, $500 and up. Forklift batteries 24V, $100/ea., 30 day warranty. 410-335-4700

Forklift mast, 3pt, cat. #1, 26" forks, hooks to tractor outlet, $350. 717-249-2317

Forklift, White 60 gas, lifts 6,000 lbs 10 ft, $5,200. (814)467-8839.

Gleaner F2 13' wobblebox, long divider, late model head, extra nice, $3500. Zeisloft 800/919-3322.

Gleaner N5, complete cage rebuild, only 1650 hrs, lots of new parts, finishing corn now. 800/919-3322.

Great Plains 10' no-till drill, 7" spacing, new coulters, excellent condition, $10,000. 13' Brillion Cultimulcher w/hydraulic cylinder, $1,000. Oliver disc, 13', new bearings, good blades, $1,000. Ag-Chem Pull-tite sprayer, 300 gallons, foam marker, 30' boom, electric controlled, $800. JD 4-bottom 14" mounted plow, $350. 1988 2755 JD tractor, mechanical front-wheel drive, new tires, 3700 hrs. w/245 JD loader, $30,000. 410-822-0625.

NH LX865 turbo skid loader, 1996, good rubber, $16,500. 717-354-6706

Post Drivers: Shaver HD8, complete, $1195; HD10, $1895. Ask about delivery. Taneytown Farm Equipment, 410/751-1500.

REAL OLD Threshing machine #5 Heineke w/steel crank feeder on iron wheels, looks like it's complete, Come, Look, make an offer; will deliver within 200 miles. call evenings 717-588-6350.

ROUND BALE FEEDERS. ELIMSPORT WELDING SHOP. (717)547-2476 or call toll free 1(888)462-4124.

Round spoke wheels for D-6 spline front and rear $1,300 firm. New 14.9x28 Armstrongs w/new tubes $500. (717)949-2076.

NEW/USED/RENTAL LIQUID MANURE

Spreaders

Calumet 3250 Gal., 21.5x16.1 Tires, 1/4" tank, Pivoting Hitch, RENTAL.....$8,600
Houle 5250 Gal., 28Lx26 Tires, 1/4" Tank, Brakes, Steering, RENTAL.....$19,750
Houle 5300 Gal. 28Lx26 Tires, 1/4" Tank & Brakes, NEW.....Call
Calumet 3750 Gal. w/ 50x21x20 Tires, 1/4" Tank, Pivoting Hitch, RENTAL..$10,150
Calumet 3750 23.1x26 Tires, 1/4" Tank, Pivoting Hitch, NEW.....$12,700

Pumps

(2) Houle 42 ft. Lagoon Pumps.....Call
Houle 3 pt., 12 ft. Vertical Pump.....Call
Houle 20" Maxi-Pump, Rental.....Call
Houle 32 Ft. Lagoon Pump Rental.....Call
Houle 32 Ft. Multi Purpose Lagoon Pump, Rental.....Call

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JOHN DEERE

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JD 7810, MFWD, power quad 421 hrs , w/left hand reverser	$77,265
JD 7810 MFWD, power shift, 630 hrs	$76,200
JD 7800 MFWD, PS, 2750 hrs	$65,000
JD 7410 MFWD power quad left hand reverser 524 hrs ,	$54,800
JD 3150 Cab MFWD, w/265 loader	$35,000
JD 770 MFWD w/60 Mower	$13,000
JD 755 MFWD, turf tires, w/60" mower	$12,500
JD 2240 w/145 loader	$13 500
JD 435 Detroit diesel	$4 500
JD 750 4x4 Ag tires w/60" deck	$7,500

COMBINES

JD 9600 2WD 1990 3500 hrs	$65 000
JD 9500 2WD, 1993 1300 hrs	$85 000
JD 7720 Titan II 1987	$55,000
JD 7720 2WD 3800 hrs	$21 500
JD 7720 1981	$22,500
JD 6620 2WD 1980 Reconditioned	$25,000
JD 215 flex head	$4,500
JD 918 Flex Head	$8,000
JD 213 Flex Head, Completely Reconditioned	$6,500
JD 643 Lo Tin Corn Head	$7,500
JD 643 Hi tin corn head	$6 500
JD 444 4RW Corn Head	$4 500

SKID LOADERS

NH 555 diesel	$6 500
JD 125 diesel	$7,500
NH L553 diesel new bucket	$9 000

FORAGE EQUIPMENT

JD 2RW corn head like new	$1 750
JD 2RW Corn Chopper Head	$750
JD 3RN Corn Head	$5 000
JD 3970 Pull Type Chopper, Less Heads, Spout-Trak Iron Gard	$21 000
JD 714 Forage Wagon	$4,500
JD 716A Forage Wagons	$7,500
JD 3RN Corn Chopper Head	$4,500

CORN/SOYBEAN PLANTERS

JD 7200 6R corn planter Liquid fert	CALL
JD 7240 11R corn & soybean planter dry fert	$24,000
JD 7000, 5R splitter	$7,500
JD 7000 6R Planter	Call
JD 7200 6R Planter Dry Fert	$12 500
JD 7240 11 Row Planter Liquid Fert	$25 000

GRAIN DRILLS

JD 750 no till drill, 10	$16,000
JD 8200 Conventional drill, single disc, 14x7	$1,650
Littleston no-till drill, 10'	$5,500

TILLAGE EQUIPMENT

JD 1450 5b 18 semi-mount plow	$1 500
JD F145 5b 16 semi mount plow	$1,000
JD 210 15 Disc	CALL
JD 230 wingfold disc 20	$4 500
JD 915 V-ripper 5 spring reset standards w/ coulters	$6 750

HAY EQUIPMENT

Hesston 1010 hydra swing mower conditioner	$3 500
JD 1209 Mo Co	$2,750
NH 1495 SP mower conditioner 12	$7,500
JD 347 Square Baler w/30 Ejector	$7,500
JD 348 Square Baler w/40 Ejector	$12,500

MISCELLANEOUS

JD 350 cycle bar mower 7	$1,200
Grove bale wagon	$800
JD 1008 Rotary Cutter	$3,500
JD 1508 rotary cutter	$7,500
JD LF fertilizer spreader	$250
Woods S121 pull type mower 10	$3,500
NH 519 Manure Spreader	$2,500
IH PTO spreader	$1 000
3pt hitch lagoon pump	$1 500
Calumet 2250 gal tanker	$5,500
Oswalt 200 mix wagon	$11,000
Oswalt 250 mix wagon	$14 000
Oswalt 230 mix wagon	$8,500

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Same 95 4x4, new engine, PTO clutch, 5170 hrs, canopy, weights, excellent original paint, belting steel or tires. 814/766-2544.

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AUCTION
Tuesday, February 24th
9 AM

TRACTORS

JD 2550 diesel, ROPS, indp. PTO, dual hyd., nice.....$12,700
JD 2640D, 70 HP., Hi & Lo, 540 - 1000 PTO, 4218 Hrs.....$9,600

SKID LOADERS

Gehl SX5625, 1426 hrs, 56hp.....$12,300
Bobcat 843, dsl 54 hp.....$8,200
Case 1845 B, dsl, 45 hp.....$9,500
FNH 553, Dsl., 38 HP, New Tires & Bucket.....$8,250

CORN PICKERS

NI 323 1R.....$950
NI 839 Husker Unit w/Elevator For Uni.....$2,800
NI 841 Feeder Housing For Uni, with Elect. Clutch.....$900
NI 325 NR 8 Roll Bed.....$2,300

HAY EQUIPMENT

NH 1495 SP haybine w/1496 header, 2800 hrs Cab, air hydro.....$10,500
FNH 1499 SP Haybine, 1818 hrs., 12' Cut, New Rolls, (very nice).....$17,800
FNH 499 Hydra Swing Haybine, 12'.....$5,700
F.N.H. 630 Round Baler, 4x4 Bale, Nice.....$6,800
NH 848 R. Baler, Wide Pickup Bale Command.....SOLD.....$5,500
N.I. 486 Round Baler, Gray, Nice.....$4,200

MANURE SPREADERS

Badger 5800, Liquid, Vacuum,1500 gal.....$1,900
Badger 8700, Tandem, Liquid, 2300 Gal., Vacuum.....$3,200

PTO GENERATORS & ALTERNATORS

Pincor 30 KW Alt on Trailer.....$1,650

Excellent Ford Tractors

TW-20, w/canopy, triple remotes, DP, 4,200 hrs
TW-5 II, 4WD, canopy, 20.8x38, 1,900 hrs.
8600, cab, turbo, 20.8x38, DP, 4,000 hrs.
7710 II, cab, air, DP, 18.4x38, 1990, 1,200 hrs.
7710 II, rollbar, DP, dual remotes, 16 9x38, 3,600 hrs
7710, cab, air, DP, dual deluxe remotes, 2,700 hrs.
7610 II, cab, air, 1990 model, 2,600 hrs.
7610, DP, dual remotes, 16 9x38, 2,600 hrs.
7600, DP, dual remotes, 18 4x34, weights, 4,100 hrs.
7000, DP, 1 remote, 16 9x38, 1975 model
6610 II, cab & air, DP, dual remote, creeper, 2,800 hrs
6610 II, rollbar, DP, 18 4x34, 1,800 hrs
6610, rollbar, DP, dual remotes, 16.9x30, 3,400 hrs
6610, DP, 18 4x34, 1985 model, 1,600 hrs
5610 II, cab & air, DP, 1989, 1,500 hrs.
5600, DP, dual remotes, SOLD, 3,800 hrs
5600, dual remotes, 16.9x34, weights, 3,100 hrs.
5000, diesel, DP, dual remotes, 18.4x30, 5,400 hrs.
4630, cab, 4WD, 16x8 shuttle, 1,100 hrs.
4630, 4WD, shuttle w/Ford ldr, 1,000 hrs.
4610 II, 4WD, rollbar w/Ford loader, 500 hrs
4610 SU, diesel, 14 9x28, 3,200 hrs
4600, diesel, 8 spd, w/Ford QT ldr., 3,200 hrs
335, diesel, 8 spd, LPTO, 1 remote w/ldr, 2,800 hrs
3910, diesel, 14 9x28 w/Ford QT ldr , 1,400 hrs
3610, diesel, 8x4, dual remotes w/Ford ldr , 1,900 hrs
3000, gas, 8 spd, PS, 1973, 2,300 hrs
IH 884, hi-low, 18.4x30 w/2250 ldr , 1,900 hrs
NH 555, skid loader, 2,700 hrs., local, one owner trade

Equipment

Case IH 600 blower
FNH 492 haybine
Ford 151 plow, 4x18 btms, auto reset
Sauder 7' snow blade
18 4x38 Ford Axle Duals
Weights to fit most Ford tractors

Ford Loaders

7410 QT fits 2910 4WD thru 5030 4WD
7210 QT fits 2WD, 5640, 6640 & 7740
777D fits 6700 thru 7710 2WD
772 QT fits 5000 thru 7610

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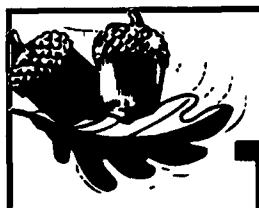

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8000 Series:
81 Horseower
Cab
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Cat II 3-point hitch
2 or 4 wheel drive

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9000 Series:
98 Horsepower
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540 & 1000 PTO
Cat II 3-point hitch
2 or 4 wheel drive

Model 9345
$26,300.00
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NEW BELARUS TRACTORS

Model #	HP	Drive	SALE PRICE
2045 w/5 ft. belly mower & ROPS	22 HP	4WD	$10,250
532 w/2445 Bush Hog loader	55 HP	4WD	$17,995
6345	65 HP	4WD	$18,950

New models w/synchromesh transmission
Freight & Dealer Prep not included in prices above.

Belarus

USED TRACTORS

Model #	HP	Drive	PRICE
Belarus 250AS w/Loader	31 HP	2WD	$6,250
Belarus 532,	55 HP	4WD	CALL
Belarus 420	57 HP	4WD	$7,000
Belarus 525, 300 Hrs.	65 HP	4WD	$8,900
Belarus 572, 1500 Hrs., Cab.	65 HP	4WD	$7,995
Belarus 572, 2 Yrs. Old, Cab	65 HP	4WD	$12,800
Ford 600 w/Loader		2WD	$3,500
(New) Ringo 3000 w/Loader, PS	30 HP	4WD	$12,895 Cash Sale

SPECIAL MENTION

NH 311 Baler w/Thrower (Nice)...$5,600
(New) Farmlund Bale Wrapper...$6,900
3300 VanDale Tanker (Rental)....$8,500
4000 H.D VanDale Tanker (Rental) Call
Roto Mix 3 Pt. Hitch, Bale Slicer.. Call
NI 310 1-Row Cor SOLD.....$1,200
NI 323 1-Row Cor SOLD.....$1,400

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* $500 customer coupon Credit may be applied as partial payment to purchase of new, unused, non retailed Belarus Model 8000 or 9000 Series, see dealer for full details Offer expires December 31, 1997

Save Over 50% on used John Deere tractor parts newer than 2 cylinder. Save up to 40% on new replacement parts for JD and IH. We ship. Nelson Parts, (716)526-6705, (800)730-4020.

Selling parts off Gleaner N5. Zeisloft Used Farm Eq. 800/919-3322.

Skid steer, NH 555, 42hp Perkins, 1650 lb. lift, new tires, remote hydraulics, $8950 OBO. 814/684-3433.

SNOW BLOWER McKee 8' double auger, hyd. spout, $1,600. 410-833-9091

Snow Blowers: 3pt 8' double auger, $1,600. 4'-8' new and used. (814)467-8839.

Sprayer: approx 200 gal tank on trailer, complete, motor needs repair, $300 OBO. (215)654-9237.

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Steel wheels w/rubber shocks for 4WD 586E Case forklift; 6414T JD power unit w/air starter; 3½ hp slow speed Lister diesel for parts. 717/535-5711.

Stoltzfus boom type fertilizer spreader, nice condition. $2,000. 301/334-3897.

TRACTOR PARTS: JD 'A', 'B', 'H', 'M', 'MT', 'LA', parts. Tractors wanted. 609-358-0362.

Trojan 4WD loader w/cab, 10-12 ton, very powerful, good hydraulics and running condition, Allison auto, $3,875. (610)383-5241.

Tub Grinder: Farmhand PTO, 8' tub, good condition, $6,800. (814)467-8839.

Twelve foot Brady field cultivator, 300 gallon sprayer. Lancaster County, (717)653-6758.

UD6A Int'l power unit, low hours, runs like new, $1,100 914-469-2352.

Uni 703 gas, $2500. 717/437-2604.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales - Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 937-548-0718.

Valk snow plow angled 12'x14' $1,850. Good roads plow 10'x4' $1,350. (215)886-5000.

Welger RP 200 master cut baler, used. Lely 280C 3pt discbine mower, demo. Call (717)369-5702.

WHEEL LOADER TEREX 72-40, art. w/3.5 yard bucket, no ROPS, $5,000. 410-833-9091

White 2-135 for parts. Tractor was rolled. (717)867-4896.

White 4-150 tractor, 4WD, new paint, 3208 CAT engine, 3pt and PTO, $7,900. 717-867-4896.

White Model 2-135 tractor w/cab, air, heat, 20.8x38 rear tires, 90%. Completely rebuilt over/under power shift, new motor bearings, rebuilt frontend, new paint, $18,000. Lackawanna Co., PA. 717-587-1725.

WANTED: Old motorcycles, minibikes, scooters, ATV's, etc. Private collector. 610/692-6079.

WANTED TO BUY: Scrap metal. Highest price paid. 717-284-2800 Lancaster Co.

WANT Pioneer chain saw, P40 or P50. (814)692-8946.

Wanted: 7,000 JD corn planter for parts. 4 or 6-row. Nickel Mine Welding, 2133 Mine Road, Paradise, PA 17562. 717/786-7363.

Winpower 15-25 generator on trailer, w/shaft, excellent. 7:30am-5:00pm 717-949-3769.

Woods bat wing mower, 315 model, 15' HD, excellent condition. Call (717)748-1095.

M&W trubo charger for 970 or 1070, complete, $550 OBO. 412-539-1044

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JD 4RN Silage Head	$8,000
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NI 802 Uni Tractor Cab and Air 4WD	$12,500
NI 839 Husking Bed	$4,000
NI 744 4RN Snapper Head	$1,800
IH 45 15 Ft. Field Cultivator	$1,500
Homemade 15 Ft. Transport Packer	$1,000
4 Post ROPS For 86 Series IH Tractor	$250
Adapter To Put JD Heads On 839 Husker	$500

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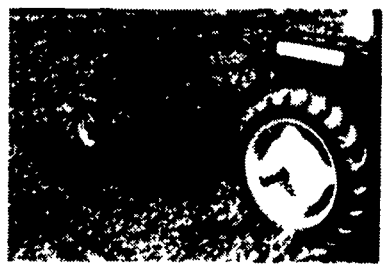

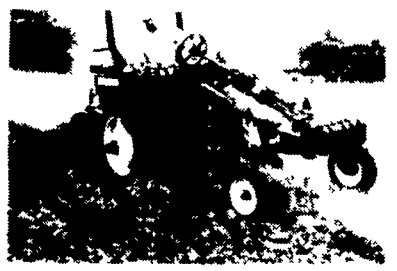

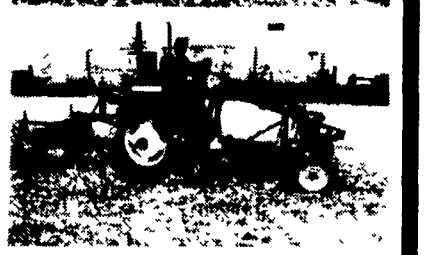

SUMMARY SPECIFICATIONS
(subject to change without notice.) STC5/97

-Front (mid) mount three point, category 1 hitch. Rear hitch modified; offset top link on three point version (rear engine mount) on air cooled engine models or hydraulic coupling for use on remote cylinder mounted on rear implement on liquid cooled engine models.
-Individual hydraulic lifts.
-Hydrostatic transaxle of latest design. (High/Low range axle with differential lock.)
-20 H.P., twin v, advanced design gasoline engine standard-rear mounted **Other engine options available include:** 23.5 H P. water cooled gasoline, 25 H.P. aircooled gasoline and 26.5 H.P. water cooled diesel.
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-Individual left and right foot disc brakes with integral parking stops.
-Tires, rear 42" O.D., 8.3 X 24 with 45 degree staight lug, front 4" / 5" x 12
-Length: wheel base-84 inches, overall approximately 13 ft
-More than adequate crop clearance under both rear axle and drawbar.
-Highly responsive power steering.
-Ample front and rear wheel width adjustment. (approx. 40" to 90")
-Weight just over 2,500 lbs, base unit.
-Heavy duty 2 1/2" round bar stock frame.
-ROP and seat belts
-Wide range of implements and attachments available.
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Check these important construction features:

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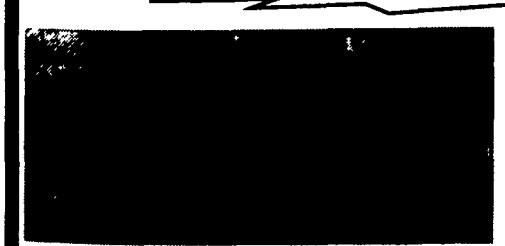
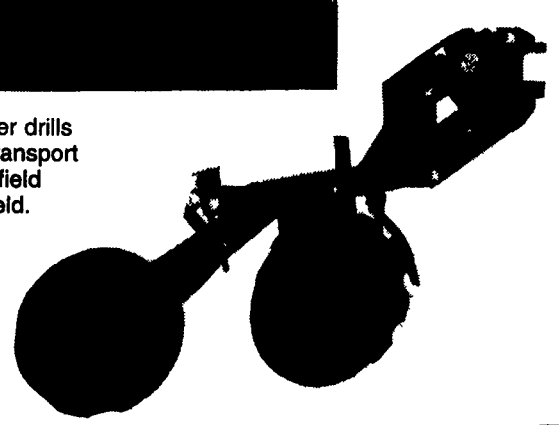
7 1/2' and 10' and 15' Models In Stock



Seeding Technology that's backed by the Sunflower name...



Sunflower drills quickly transport from field to field.

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Now you can handle your conventionally drilled acres... simply increase down pressure and move right into your residue laden fields for quality no-till drilling. Sunflower's new "two-in-one" opener has the right combination of components and strength to perform well in both conditions. Heavy duty Sunflower construction makes this drill stand apart from competitors... and you'll want to investigate the host of options to get the job done better and faster.

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Large Selection JD & Gleaner Corn Heads and Grain Heads. Reduced for post-season closeout sale. Trades accepted, Financing Avail. Zeisloft 800/919-3322.

LELY ROTERA 5', nice, $750. 410-833-9091

Kubota M4050DT, 4WD tractor; NI-10A spreader, rebuilt, air, tires; Ford plow 3-14, 3pth; 9' Disc Pittsburgh; 5' Lucknow snowblower, New; Ford 532 baler. All in excellent condition. 717-658-3186 or 717-658-6300.

New 5' Red Devil snowblower, 2-stage, 3pt, $1800. 717-362-3730

NH 462 Disc mower, 7'10" cut, demo 3 acres only. Possible financing or trade equal value $4700. 717/936-3517.

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New 24', 30', 36', 41' elevators. Call for brochure on accessories, options and parts. Recyclers, we build belt elevators too! We will rebuild your New Holland 155. We will trade or buy your used or damaged elevator. THANK YOU. Thom Wheary, JR. (717)687-0102.

JD combine, 1969, 6620 sidehill, 2760 hrs., loaded, shedded, excellent. 610-588-7986

JD LA, running, new tires, complete tin, no serial tag, spare parts, $2000; LUC power unit, not running, $200. 609/737-1781.

JD single wheel, complete, to fit tricycle type tractor. Adams Co, (717)677-7282.

Keenan #100 TMR mixer, used 8 months, mixes TMR or soda grain. NO Sunday calls. 717-597-4001

NH 790 Harvester w/corn & grass heads, very good condition; (2) Myers forage wagons on 12-ton tandem running gear. 717/349-2611.

JD 90 skid loader. 100 hrs. on new engine, excellent rubber, two buckets. Asking $3,500. (610)048-8217.

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Reel Auggie Mixer.

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3000 SERIES REEL AUGGIES FEATURE THE FOLLOWING ADVANTAGES:

- Blends by gently lifting, fluffing, and tumbling the entire load, reducing mix time, power requirement, machine wear, and dead spots
- Aggressive upper and lower auger with hardened, replaceable knives, for thorough and end-to-end movement
- Shear angle for both the upper and lower auger
- Simple slide tray or three auger discharge available
- Oil bath drive with external grease banks
- Constant Velocity PTO with integral slip clutch
- Hay-Max Kit option for better break-up of most hay and bulk materials
- Tow, truck mounted, and stationary units from 147 to 600 cubic feet

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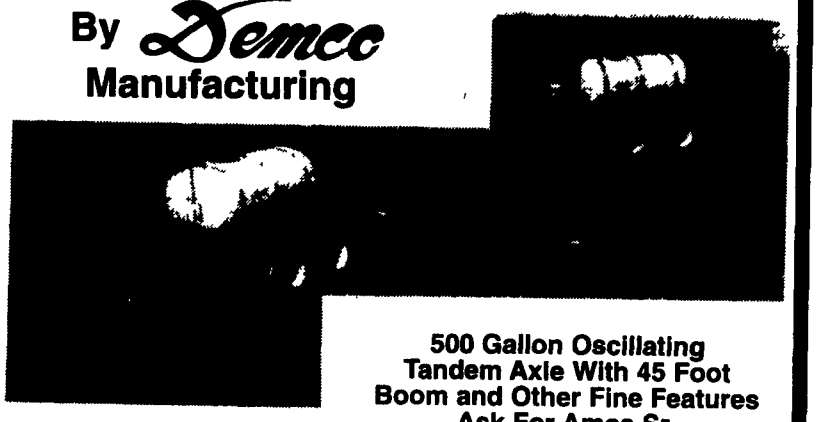
Disgruntled Farmer has FOR SALE:

Richardson Dump wagon, #700, 2 yrs old, extra nice.....$10,000
Martin Forage Table-Conveyor, 2 yrs old.....$5,000
NH 900, Forage Harvester, 3 RN Cornhead, Grass Head 3 yrs old.....$25,000
NH 166, Inverter, hyd. extension, 1 yr old.....$5,000
1997 Case IH 8830, self-prop., Haybine, 14' cut, only 187 hrs, 1 yr old.....$37,000
JD216, tandem, T/B, Forage Wagon.....$3,500
Fox, tandem, T/B, Forage Wagon.....$4,000
1987 IH S model, diesel, 33,000 GVW, w/ Scott silage dump box.....P.O.R
1994 Ford LN8000, 33,000 GVW, 2 yr. old, silage box.....P.O.R

717/458-5294

1x6 Rough Cut White Pine
8'-16' Lengths
55¢/Board Ft.
610-779-3599
Berks County

Binkley & Hurst Bros. Offers A New Sprayer In Stock
Ready For Delivery By Demco Manufacturing



500 Gallon Oscillating Tandem Axle With 45 Foot Boom and Other Fine Features
Ask For Amos Sr.

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Fax 717-626-0996

LOADER ATTACHMENT Case IH 510, QT bucket, bin in fire, needs cylinder repair, hoses & paint, $1,000. 410-833-9091

LOADER TRACTOR MF 30B, diesel industrial, no 3 pt. or PTO, $3,500. Backhoe Available. 410-833-9091

LOADER TRACTOR JD 2030, diesel, 8 spd w/146 loader, low hrs., $9,500. 410-833-9091

LOADER TRACTOR JD 2640, hi-low, 80% rubber, ROPS w/Bush Hog 2400 QT loader, solid, $10,750. 410-833-9091

LOADER TRACTOR IH 656, diesel, hydro, NF w/IH 2000 loader w/recent engine & trans., $7,000. 410-833-9091

LOADER TRACTORS FORD 3400, gas or diesel, 3 pt., PS, PTO. Choice $5,000. 410-833-9091

Loader, 4x4, articulate. Walden 40hp, good, $6,800. (814)467-8839.

MACHINERY: 14" Delta bandsaw, $700. 26" DoAll bandsaw, $3500. 36" DoAll bandsaw, $4500. 12" powermatic disc sander, $400. 48" Foley knife grinder, $950. 8"x8"x3/4" share Long & Allstater, $3000. 410-335-4700

MANURE SPREADER CASE IH 560, 2 beater, gate, $1,500. 410-833-9091

MANURE SPREADER NI 244, tandem, top beater, gate, daily worker, $1,400. 410-833-9091

Manure Spreaders, New Idea ground drive. Buy, Sell, Trade, Repair. Lancaster Co. 717/786-3387.

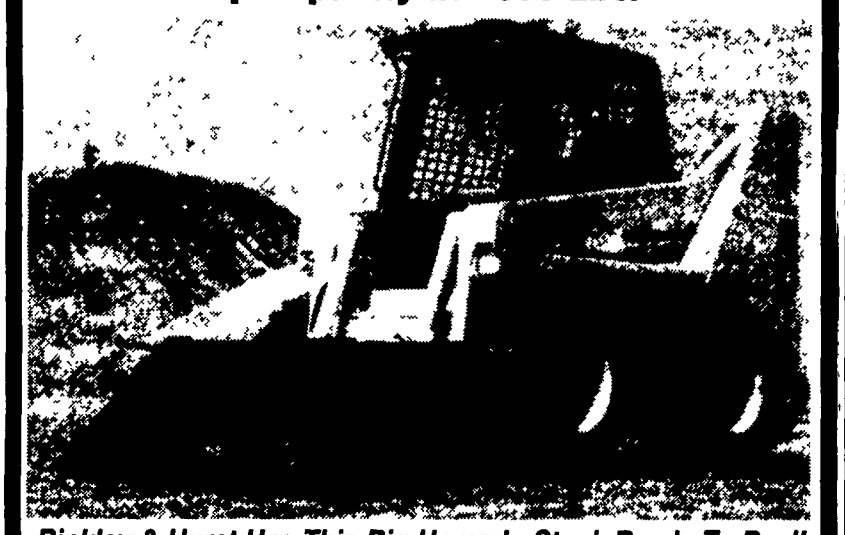
Massey Harris Jr, 10' bucket loader, frozen motor, $700. (717)675-3328.

MF 160 manure spreaders (2). PTO, VG condition, $2,700 & $1,700. After 6pm, (410)826-8953.

MOWER TRACTOR IH 250A, hydro, twin interstater, ready for work, $5,500. 410-833-9091

Mustang 310 skidloader 36" wide, 2 buckets, tires 90%, $2,800. 717-349-2679.

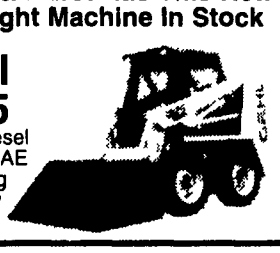
If You Are In The Market For A High Capacity Heavy Lifter Skid Loader
See Binkley & Hurst Bros. Today
For Immediate Delivery On The Lastest In Gehl Loaders!
The New Gehl 80 HP Model 6635 With Tip Up Capacity at 4600 Lbs.



Binkley & Hurst Has This Big Horse In Stock Ready To Deal!

Binkley & Hurst Bros. a New Gehl Box Type Spreader 217 Bushel
In Stock at an Economy Price Ready To Put To Work

Low Clearance Height Problems?
Binkley & Hurst Has This New 70" Height Machine In Stock
Gehl 3825
33.5 hp diesel
1,000 lb SAE operating capacity



Now Is The Time You May Want To Consider A New Gehl Mixer
See Binkley & Hurst Bros. For A Quality All Hyd
GEHL Mix-all®

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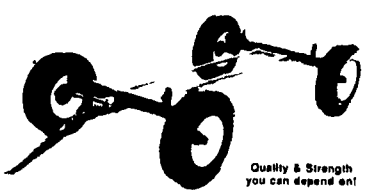
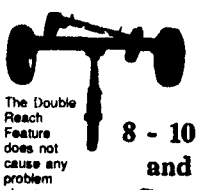
Purchase New And Receive Special Winter Clearance Pricing!
In Stock At Binkley & Hurst Bros.

New Kinze 825 Bushel Grain Cart
Model 840 with Unloading Capacity at 290 Bu. Per Minute, with Large 30.5x32 Tractor Lug Tires, Discharge Height 11'10
NE4209
Ask For Don Hoover

Always Call Binkley & Hurst Bros. For All Your Running Gear Needs.



Quality & Strength you can depend on!



The Double Reach Feature does not cause any problem about flexibility

200N 73" Track
200W 78" Track
200H 80" Track

8 - 10 - 12 - 13 and 14 Ton Gears Double Reach Coupling Poles Means Double Strength

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Safe Application of Herbicides

Weed Wiper from Binkley & Hurst
Only One Left For This Season
Get A Super Deal!
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For All Your Round Bale Handling Needs See Binkley & Hurst With A Wide Selection Of Handling & Transport and Wrapping Equipment

Take A Look At This Unit, In Stock Now!
30 Foot Long Round Bale Transport Carrier Designed For All Size Round Bales, Ceck One Out Today At Binkley & Hurst

ROTARY BALE CARTS & MUILTI-PURPOSE WAGON

- Low cost method of feeding round bales in the stable
- Four wheel steering for tight corners
- Easy to convert from two to four wheel steering or visa-versa; simply move one bolt
- Rotary table mounted on tapered roller bearings.
- Table lock to prevent undesired rotation
- Brake on when handle is up
- Can be supplied with quick change brackets foe easily switching handle to front or rear

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QUALITY USED EQUIPMENT

-N I 483 Round Baler
N I 5109 Disc Mower Conditioner
-Ford 551 Round Baler
Ag Wrap - 3pt Bale Wrapper
-Anderson Rock Picker

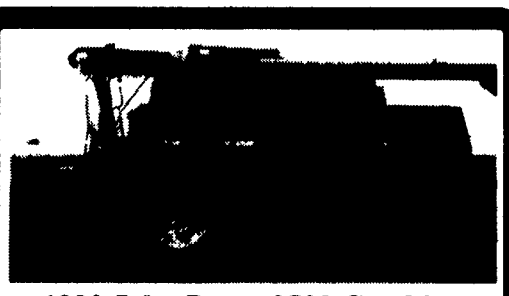
WF Welliver

717 437-2430

JD 830 3-cylinder, diesel tractor w/rebuilt engine, $5600. 717-776-7725

Yanmar 4x4, 19hp, 700 hrs., $4,800. (814)467-8839.

LOADER ATTACHMENT IH 2,000 w/2 buckets, nice, $1,850. 410-833-9091



1990 John Deere 9500 Combine
Excellent Condition
717/354-3929
No Sunday Calls

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Balzer Dump Station
$6,500.00 OBO
Call 717-949-2371
Lebanon County, PA

Best Buys in Used Equipment

Start The New Year Out Right With A Reconditioned Used Planter or Drill From Binkley & Hurst Bros. Inc.

A Great Selection Of PLANTERS & DRILLS

UM 3344
WHITE 5400 4 ROW PLANTER
Dry Fert , Insect , No Til **$2,995**

UM 3357
IH 800 6x30
1000 PTO, Monitor, Liq Fert , 2 Drums
$2,995

UM 3372
JD 7000 CONS.
6x30 Liq , Unit No Til , 200 Monitor, New Paint **$7,500**

UM 3401
JD 7000 CONS.
6x30 Dry, Frame Coulters, Cast Closing, Insecticide, Markers New Row Units, Completely Reconditioned, New Paint, Exc Cond
$10,800

UM 3402
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6x30 Dry, No Coulters, Markers, Insect Monitor, Reconditioned **$5,900**

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JD 6x30
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UM 3423
JD 7000 4x36
Dry, Markers, Monitor **$3,495**

UM 3425
AC 800 9 Row Bean Planter, 3 Pt Hitch
$1,495

UM 3426
JD 7000 6x30 Dry As Is, Monitor
$4,250

UM 3438
JD 7000 6x30
Unit Coulters, Liq, Insect, Markers, As Is
$3,900

UM3155
JOHN DEERE
17x7 Single Disc Drill
Was $750 **NOW $295**

UM3611
JOHN DEERE
7000 8 Row with Wetherall End Transport with Lots of Good Features

UM3603
JOHN DEERE
8350 21x7 Grain Drill Double Disc Openers and Grass Seeder

UM 3490
WHITE 5100
No Fert , Ins., Chain Marker, Monitor
$2,000

UM 3536
KINZE 2000 6x30
Dbl Frame, Liq. Ins , No Til, Field Ready
$10,900

UM 3577
IH 800 4x30
Dry w/Crossfill, Insect, Monitor
$2,900

UM 3559
KINZE 6x30
Dbl Frame, 15" Interplant, Dry w/Auger, Seed Flow Monitor, Frame Coulters
$17,500

UM 3561
NI/KINZE 11x15" Row
Liq , Ins , Monitor, Markers
$10,000

UM 3591
JD 7000 6x30 Liq,
Floating Trash Sweeps, Unit Coulters, Monitor
Was $5,400
$4,995

UM3605
CASE IH 5400
Min-Till or Conventional Drill 3 Pt Mount, 15 Foot, Very Good Condition
$5,950

UM 3471
STAN HAY 870 VEG. PLANTER
4x30, 3 pt Hitch, Planted 30 Acres, Hyd Markers
$5,900

UM3590
KINZE 2000 PLANTER
6 Row 30" Dry Fert With Cross Fill Auger
Sold New 4-95

UM 3622
JOHN DEERE
4 Row 7000 with Liquid Fertilizer and Squeeze Pump

UM 3605
CASE IH 5400 GRAIN DRILL
Min-Till or Conventional
Very Good Condition

Ask For Merv Or Don Hoover

SAVE $1,000
Ideal Fall Finishing Tool For Seeding Etc.

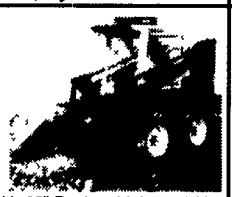
Unverferth Rolling Harrow II

With Double Basket and Leveling Bar with Teeth, 35' Hyd. Folding Model
Was $5,900 **Now $4,900** UM3335

You Won't Find'em Much Nicer 130 Plus HP Case 2290

Cab & Air & Heat, P. Shift, Almost New 20 8x38 Rear Tires, Front End Weights, Rebuilt Engine Last Summer UT 3841 ***Ask For Landis***

Choose From 2 Reconditioned Gehl 4610 Diesel's With Self Leveling Loader



UT3837 1986 Model with 65" Bucket, Lights, 42 Hp
UT3829 Gehl 4610 1987 (Sold New) 10 00x16 5 Tires, Lights, 65" Bucket,
Come and Take Your Pick At Year End Discount Prices Ask For Rick

Case 1845C Diesel Uniloader

73" Bucket, Serviced, Ready To Work
$12,800
UT3847

Ford 455 4x4 Tractor Loader Backhoe

Cab & Heater, Power Shuttle Reverser, Approx 2800 Original Hrs , 55 HP Diesel, Wobble Stick Hoe Controls, Good Rubber, Good Paint, Nice! UT3867

Case 580E 4x4 Cab Extenahoe

Cab & Heater, Backhoe Just rebushed by Our Shop, Bolt on Loader, Bucket Edge, 24" H D Trecning Bucket, Very Tight & Clean Must See To Appreciate UT3871

Pre-Owned Gehl 4625 Diesel Powered Skid Loader

1 Owner 1994 Model with Approx 1300 Hrs , 65" Matenal Bucket, Foot Controls Similar to N H and Bobcat, UT3814 Was $14,800 **Now $12,900**

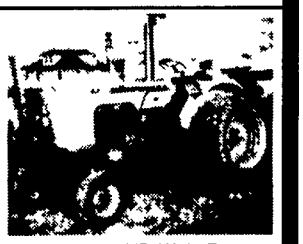
Krause 4900 Rockflex 19 Foot Disk Harrow

Dual Transport Wheels, Ask For Don Hoover UM3582

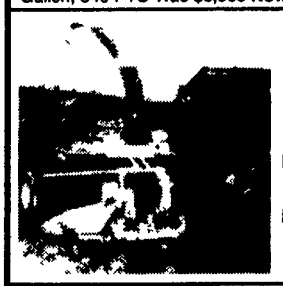
Need a Scavanger Type Spreader? Choose From 2 Used Very Good Spreaders Ready To Work!

UM3290 Save $1,000 on this Reconditioned Gehl Model 322 Tandem, 1000 PTO, 331 Cu. Ft, or 2476 Gallon, New Rotor Bearings & Seals Was $7,900 **Now 6,900**
UM3454 Gehl 322 Tandem 331 Cu Ft or 2476 Gallon, 540 PTO Was $6,900 **Now $5,900**

Case 730 Comfort King



1967 Model Gas Rated 56 HP, Wide Front, Dual Hyd Outlets, Nice!



New Holland 790 Harvester

With 890 W 7' Hay Pickup and 2 Row Narrow Cornhead, Like New 3 Yrs Old, UM3610 Ask For Landis

Case 1550 168 HP Dozer

10 Foot Blade With Cab & Heater, Almost New U C , Pedal Steering, Hydro Dnve, 2792 Hrs , Good Strong Machine

4 Wheel Drive Backhoe With Cab Ford Model 455

Cab Heater & Lights, Wobble Stick Hoe Controls, Power Shuttle, 1988 Nice! UT3867

Choose From 2 Used Tankers (Ask For Merv)

UM3541 Badger 1500 Gallon Tandem Axle Vacuum Tanker with Rebuilt Pump, Was $3,900 **Now $3,600**
UM3613 Calumet 2250 Gallon Vacuum Tanker In Good Condition, 190 CFM Pump, Stop In Or Call And Ask For Merv

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JD 1610 10', 12', or 14' chisel plow. 4800 IH 26' vibra-shank field cultivator w/buster bar. 2390 Case 2200 hrs. All excellent shape. (610)779-3284.

JD 2010 diesel w/loader, $3250. JD 2440 w/47 loader, $11,500. WANT to trade JD 48 loader bracket from 4020 to 2020. ABBOTTSTOWN REPAIR SHOP 717-630-2736

JD 2020 utility, gas, 6500 hrs., $4500. JD 2020 diesel, rebuilt motor w/ loader, $6900. ABBOTTSTOWN REPAIR SHOP 717-630-2736

JD 215 flex, new SS floor, good skid plates, dial-o-matic, new paint, $4250. FARM EQUIPMENT REPAIR 717-249-2317

JD 2440 last model, hi/lo, fold down roll bar, w/146 loader, excellent condition. (717)597-5623.

JD 2950 85hp, open station, dual remotes, hi/lo trans, excellent shape, $14,500. (717)273-3823.

JD 336 baler w/kicker, VG, $3,900. JD 12 transport disc $600. After 6pm, (410)836-8953.

JD 3960 harvester, electric controls, good condition, $4500; NH 353 hammermill, okay, $1600. 717/445-5796.

JD 3970 Chopper, electric controls, spout track, 3R head, $10,000. Will separate head. 717/445-6687.

JD 4000 diesel tractor, WF w/cab, 6,600 hrs., sincro shift, 90% rubber, PTO, 3 hose rear hydroc., VG condition, $8,100. After 6pm, (610)826-8953.

JD 4020, diesel, WF, old style, from S. Dakota, $7,800. 410-833-9091

JD 4020 diesel tractor w/ Woods dual 215 loader, WF, power shift, good rubber, 8060 hrs., excellent condition, $13,700. After 6pm, (410)836-8953.

JD 40 row crop, good condition, $2,600. (814)467-8839.

JD 430, 530, 630, 730, totally restored, excellent condition. Will separate. Asking $20,000/all. JD LA, $2500. 914-726-4180

JD 4320, CAH, 115 hp, 80% rubber, DH, $8,500. 410-833-9091

JD 4400 gas combine, 13' grain head, good condition, $5,000. Leave message, (609)397-2237.

JD 4430, CAH, 1976 model, quad range, axle duals, excellent condition, $19,500. 717/993-6226.

JD 443 Corn Head, $3200. 717/437-2604.

JD 443 corn head, completely rebuilt, new rolls, gathering chains, idlers, seals, paint, decals, sharp, $4500 firm, w/warranty for 1 season.
FARM EQUIPMENT REPAIR. 717-249-2317

JD 50, from Minnesota, NF, power steering, rock shaft, loader, showroom condition, one owner, $3,250. 410-833-9091

JD 520, PS, w/3pth. A good runner. 7:30am-5:00pm 717-949-3769.

JD 5500 4x4, 392 hrs, canopy, dual remotes, $26,500 OBO. 410/343-1440.

JD 620, WF w/loader & grapple, 3 pt., rock shaft, fresh engine & trans., OH, from N. Dakota, $3,300. 410-833-9091

JD 643 Lo-tin oil bath, good condition, 1st $7600 takes it. 800/919-3322.

JD 720 diesel, standard, fair condition, $3800 OBO. 717-530-9459

JD 730D pony start, good tires/ tin, runs but needs some work, $3,100. 1947 Ford truck, PTO, flat head, V-8, 12' flatbed, dump hinges, $1,250. Montco, (215)234-9334.

Hagie 280 Hi-tractor sprayer, 1991, w/Raven 440 controller, 60' front booms, new JD foam marker, 800 gal. tank capacity, 12.4x28 tires w/ removable duals (good tread), includes nozzles & drops, 6-cyl. diesel engine, 2050 hrs, runs good, trailer included, $12,000. 410/758-1234.

HERCULES, CONTINENtal Waukesha farm, industrial engine parts. M&M Surplus Sales, 807 Zerega Avenue, Bronx, NY 10473, (718)828-9026; fax 828-9851.

Henry backhoe attachment w/18" bucket, $500. Zimmerman Oliver-Cletrac 717/738-2573.

HIGH TORQUE DIESEL STARTERS with 3 yr. warranty for most domestic tractors and select imports. With 6 month no risk money back guarantee. Call Gary D. Sneath at 1-800-622-7892

Houle 3.12ft. vertical Manure pump. Like new condition, $5200. 717/653-5359.

IH 1066, cab, AC, 3 pt., 540/1000, dual hyd., from Midwest, 1 owner, $8,500. 410-833-9091

IH 1066 turbo diesel, cab, dual hyd., 540/1000, 3pt hitch. 717/865-4650.

IH 1066 w/cab. IH 966 w/ cab. IH 674. IH 686 (just overhauled). IH 656 hydro. F300 FH. F-M. JD 50. IH 856. 717-966-3483

IH #10 bale thrower w/like new variable speed pulley, $150. 717-667-3066

IH 1466, duals, cab, big rubber, $9250, runs good. Zeisloft's 800/919-3322.

IH 1566, nice tractor, motor noise, $5500. 717/437-2604.

IH 300 utility, gas, F.H., good TA & Bush Hog, $2,300. 410-833-9091

IH 464, 45hp gas, good condition, $5,800. (814)467-8839.

IH 464 diesel, 3pth, runs good, $4500. 717-328-2336.

IH 464 diesel parts tractor, runs good, nearly complete, plus extra speed trans., engine and misc. Will sell separate, $1900 717-328-2336.

IH 574 diesel, $5350. 800/919-3322.

IH 686 gas, low hours, $6750. Zeisloft 800/919-3322.

IH-810 13' rigid grain-head $1,500; IH 4-row cultivators $150; 71 Ford LN-800 361 motor 5spd 18' flatbed $1,500; evenings 215-646-4994.

International loader tractor 784, shuttle, 65hp. diesel; 2250 loader 18.4X30 tires, low hours, good condition; $10,500. 717-349-7297 after 6:00pm.

NEW COMBINE PARTS
CORNHEAD FLUTES/KNIVES

IH 800 series	$9.80
IH 900/1000	$10.10
Massey-All	$9.45
IH rotor bars	$195
IH straw knives	$8.50
JD cornhead rolls	$48
JD 6600 rasp bars	$165

Clearance! UPS extra

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IH 656 Gas.....$2,700
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(2) Case IH 5230 Maxum tractors, cab, 4WD
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MF SOLD 2WD, w/ cab
MF 2705, 2WD, w/ cab
Farmall Cub w/cultivator, plow & snowblade
IH 5288 w/duals cab, air
1994 Case IH 595, ROPS, 1780 hrs

COMBINES & HEADS
IH 1420 combine w/15' 820 head
New Case IH 2166, 2WD, 17½' 1020 head, 270 hrs. (demo)
New Case IH 2166, 4WD 20', 1020 head, 240 hrs. (demo.)
(3) Case IH 1640 combine w/1020 grain head 15'
Case IH 1640 combine w/1020 grain head, 17 1/2'
Case IH 1644 combine w/1020 grain head 17½'
MF 510 combine diesel, 13' head
IH 844 corn head, 4R, 36"
Case IH 1640 combine w/1020 grain head, 15', 1719 hrs
IH 815 combine, w/820 grain head, 13'
White 8600 w/grain head

HAY & FORAGE
IH 45 baler
NH 273 baler w/thrower (W)
NH 320 baler (W)
NH 467 haybine (W)
Fox 2310 Forage Harvester, 2R (W)
NH 425 Wire Baler (W)
NH 718 Forage Harvester (W)
Case IH 3650 Round Baler (S)
NH 282 Baler w/thrower (W)

LAWN & GARDEN
JD F510 front mount, 38" mower deck & snowblower
Cub Cadet 2160, 46" mower
Cub Cadet 1320 w/46" mower deck & bagger
JD tiller fits on JD 110, 112 tractor

IRRIGATION EQUIPMENT
Bauer 125-340DT hard hose, turbines
Bauer 110-310 P hard hose
Capari D2/50 PTO pump
Detroit V871 diesel power unit
Case IH 4390 power unit

MISCELLANEOUS
Case IH 18' 7", 3800 disc harrow
Unverferth Rolling Harrow II, 24'
Unverferth Rolling Harrow II, 27', like new
Unverferth Rolling Harrow II, 21'
AC 600 no-till planter, 9R w/markers
IH 400 Cyclo planter, 4R 36" w/fertilizer
IH 365 S-tyne field cultivator, 19'8"
Case IH 568 seed bed conditioner, 4R
Brillion 24' crow foot packer
Byron 1R sweet corn harvester, 3 pt. mounted hitch
IH 140 4X16 roll over plow
MF 620 disc harrow, 20'
IH 800 plate planter 4R, 36" w/fertilizer, granular insecticide
FMC Sprayer, 400 gal. w/hand gun & Contential engine
FMC Sprayer, D060, 600 Gal Tank, 72' Hyd. Boom

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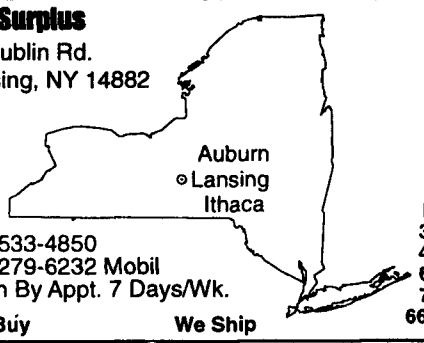

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List Price $147,381 Cash Price $113,483

COMBINES (Shed Kept)
Gleaner F w/Air Flow & 12' Grain Head.$5,850
Gleaner A430, NR Corn Head.....$4,850
JD 3300 Diesel, 1976 Model, 1400 Original Hrs, Rotary Screen.....Coming In
JD 4425, 1986 Model, 23.1x26Tires. Chopper, 1676 Hrs, Excellent.....$28,500
JD 4435 Combine w/23.1x26 Tires, 2300 Hrs. Excellent.....$35,800
JD 9500 SH, 1993 Model, 2063 Hrs.Completely Thru Shop, Excellent.....$84,900
JD 6620,1979 Modelw/1896Hrs,24.5x34,Hydro, Very Nice.....$28,900
JD 4400 gas, flat screen, 18.4x26 tires, 3100 hrs, nice.....$5,000
JD 6600 SH hydro, 2800 hrs., Mechanic Special.....$11,900

JD 4420, 23.1x26 Tires. 2618 Hrs.....~~$21,900~~ $18,900
JD 4420, 23.1x26 Tires, 1700 Hrs, 1-Owner. Excellent.....~~$21,900~~ $18,900
JD 4400 dsl, 1979 Model Rotary Screen. 2,100 Hrs.....$4,950

CORN HEADS
JD 344 3RW, Excellent.....$2,850
JD 443 Lo Tin, Excellent.....$6,450
JD 443 Lo Tin, Oil Bath, Excellent.....$7,250
JD 643 Lo Tin, Oil Bath, 1989 Model, Excellent.....Coming In
(3) JD 444 Hi Tin, Good To Excellent.....$3,250 to $4,250
JD 443 Hi Tin, Excellent.....$4,650

GRAIN PLATFORMS
(2) JD 215 Flex Heads, Excellent, Black Reel.....$4,950
3) JD 13' Cutting Platforms, Rigid Choice.....$2,450
(2) JD 213 Flex, Yellow, Nice.....$4,650
(2) JD 915 Flex, Like New.....$9,950
JD 213 Rigid, Side Hill.....$3,950
JD 15' Cutting Platform.....$1,200
JD 12' Cutting Platform, Love Bar.....$1,000

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DEMO UNIT:
CASE IH 415 Packer Mulcher, 10½ ft.
NEW KUBOTA TRACTORS IN STOCK - 16 HP to 90 HP

New FMC 50 Gal 3 pt Air Blast SPRAYER
Weathered
SPECIAL PRICE
BEFCO 2-STAR & 4-STAR TEDDERS
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TRACTORS:
• Kubota L225, ROPS, 2WD, 60" Woods Belly Mower
• Kubota 758[SOLD]P Cab, 250 Hrs., Loader, Big Snow Bucket, 9' Fisher Plow
• IH 140 FH w/[SOLD]ower
• IH 154 Cub Low Boy w/59LB Mower Deck
• IH 154 Cub Low Boy w/5 Ft. Sickle Bar
• IH 404 Gas, Dual Turf Tires, W/O 3 Pt. Hitch
• Oliver 1550 Gas Wide Front, Over & Under (Engine Overhauled)
• Bolens G152 15 HP Diesel 2WD, 3-Pt. w/48" Bolens Undermount Deck
• Ford 2000 Gas w/Ford Loader
• Ford 3000, Gas, ROPS w/Ford Loader (Real Nice Shape)
• MF 2135 Gas, Turf Special, Nice Clean Tractor, Wide Turf Tires
• Farmall Cub w/Front Sweeper Broom & Belly Mower (yellow & white)
• Farmall Cub w/Chains & Blade
• (2) Farmall Cubs w/IH 60" Mowers 1-Manual, 1-Hyd Lift
• (2) Farmall Cub w/5 ft. Sickle Bar
• Farmall C Fast Hitch, Disk Brakes 1800
• Yammar 187, PS, 2WD w/ 60" Woods, Nice Shape

OUTDOOR POWER EQUIP.:
• Cub Cadet 190451 45" Snow Blower
• JD 260 w/Deck
• JD 130 w/30" Deck (nice shape)
• Cub Cadet 1810 w/50" Mower
• Cub Cadet 782 w/44" Mower
• Honda 4514 Hydro 38" Deck Bagger Attachment (Like New)
• Dixon ZTR w/30" Cut & Bagger, Nice
• Good Selection Of Older Cub Cadet Lawn & Garden Tractors, All Makes and Models!

COLLECTOR TRACTORS:
• Cub 1950 White Demo Model (Ready to Restore).....$3,500
• MF TO30, Ag Tires, New Paint
• Ford 2N Runs OK, 5' Bush Hog, 2 Bottom Plow, 3 Pt. Scoop - Pkg. Deal $2,850
• JD M w/Loader, Runs Good
• Farmall H Nice[SOLD]
• Farmall H Pull Type Sickle Bar Mower
• Farmall F20 (Restored)
• Farmall W30 Nice Shape
• Farmall A w/1-Bottom Plow, Nice Shape, Needs Paint
• Farmall B w/Bucksaw (Restored)
• Farmall BN
• Case 400 Gas (Restored), Nice
• 1959 Ford Pickup, 6 Cyl., Stick, Orig. Engine, Completely Restored, Black, $10,000

TILLAGE:
• Hugo 10 ft. Harrow Roller
• Hyd. Transport.....$1,500

HAY & FORAGE:
• IH 440 Baler w/Thrower
• Hesston 4500 Wire Baler w/Thrower
• NH 411 Discbine
• NH 479 Haybine Good Rolls, New Wobble Box

MISCELLANEOUS:
• Mac 50 Gal. Trailing Sprayer w/Piston Pump
• CareTree 524 3-Pt. Hitch Tree Digger (Used 1 Time).....$6,000
• IH 1700 4x4 Truck, Engine Runs,but Needs Work $500
• Sauder Quik-Tach Blade fits Fords
• JD Ground Drive Spreader (Needs Wood)
• Woods 208 3 pt. Hitch Mower
• MF 5 Ft. 3 Pt. Mower
• Used Meyers Snow plows
• Myers 7' Snow Plow For 3600 Ford Tractor
• Curtis Tractor Cab for 3600 Ford

COMBINES:
• IH 744 Wide Cornhead for 715, (For Parts)
• MF 44 4RW, CH, Nice Shape

COMMERCIAL TURF EQUIP.:
• Woods Mow'n Machine 61" cut; Kubot Diesel Eng. (same machine as Grasshopper 721)
• Brouwer Turf Equip. Vac 5.1 Cu. Yard Hyd Dump Demo/Rental
• Brouwer Turf Equip. 5 Gang Vertical Mower PTO Drive Demo/Rental
• Brouwer Turf Equip. 5 Gang 5 Blade Reel Mower PTO Drive Demo/Rental
• Brouwer Turf Equip. TR130 Turf Roller Hydro Drive 626 Lb. Wet Demo
• Brouwer Turf Equip. Sod Harvester 3000 Ford Tractor w/16" Folding Unit
• Howard Price 1260 10'6" Wing Mower Rental $17,000
• Howard Price 727 Diesel w/3 Gang Hyd Reel Mower Used $4,895
• National 5 Gang Reel Mower w/11 HP Engine Pull Type Used
• National 3 Gang 84" cut Reel Mower 12 HP Kohler Used
• Jacobsen Blitzer Reels Off F10 Nice Shape $250.00 Each 5 Avail.
• Toro Reels with Frame, 7 Available for Parts $75.00 Each
• Gravely Pro 18, w/50" Deck Runs OK, Deck needs Help. $1,500
• Gravely 5660 12 HP Electric Start 2 Dual Wheel Walk Behind w/50" Deck Used
• Gravely 12 Hp Commercial w/2 Dual Wheel Sulky & Blade Used Elect. Start
• Kubota GF1800 2 WD 60" Deck w/Bagger Front Deck Used
• Grasshopper 718 B&S Engine, 52" Deck, Hopper

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MF 3525 Tractor 4WD w/Cab, 105 HP
MF 1080 diesel, engine overhauled, new paint
MF 290 good rubber, diesel, very nice, 2300 hrs
MF 275 w/ roll bar and new paint
MF 165 gas, clean tractor w/or without loader
MF 150 w/ new paint & rubber, overhauled
MF 135 diesel tractor
MF 65 gas
MF 50 gas, nice running tractor
MF 35 diesel, completely overhauled, new paint, new rubber
MF 35 diesel tractor
Ferguson 40, gas nice running, new paint
MF 236 quick-tach loader to fit MF 184x4, like new

EQUIPMENT

New Lorentz snow blower 6 1/2'
Sauder snow blade, 7
New 7 3 pt scraper blades
NH 489 haybine
Glenco field cultivators 10½ ft and 13'
Cultipackers, 10', 12', 14' and different sizes
Used Brillion cultipacker and cultimulcher parts
MF 880 4 bottom, auto reset plow
2 & 3 bottom 3 pt. plows
New gates & hay feeders

MF Tractor parts Dismantling 20, 30, 35, 40, 50, 65, 85, 90, 135, 150, 165, 175, 178, 180, 205x4, 265, 270, 283, 285, 383; 399 4WD; 1080, 1085, 1100, 1130, 1105, 1135, 1150, 1155, 2745, 2775, 2805, 3090, 3680, MH 22, 44

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Ford 5610 Series II
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Ford 2000 Gas
Ford 860 w/Live PTO
Ford 861, PS, Loader, Live PTO
Ford 555C w/Cab, 4WD, Ext - Hoe
Ford 555D TLB, ROPS

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NH 853 Round Baler
Case IH 8530 baler
Ford 7740 4x4
MF 1080
Ford 545A tractor loader, 300 hours
Hesston 6450 SP Windrower
NH 40 blower
MF 10 baler
NH 850 round baler
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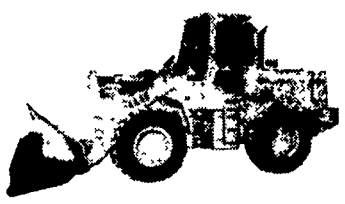
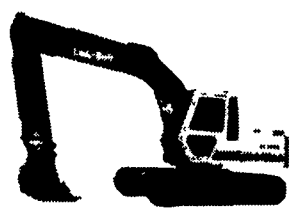


'90 JD 444E, Quickattach, 4x4
$39,500

'87 Dynalift D4P80, 8,000 Lbs. 40' Lift
$29,000



'86 Link Belt LS - 2650 C-II, Long Stick
$32,000

BACKHOES

'89 Ford 755B EROPS, Standard Hoe	$35,500
'94 Case 580 Super K, 4x4, EROPS, Standard	$32,000
JD 410B Cab Standard	$17,500
'79 Ford 550, EROPS, Standard	$12,500
'87 Case 580, Super E, 4x4, EROPS	$23,500

WHEEL LOADERS

'87 JD 544D EROPS, GP Bucket	$35,500
Case W-14B EROPS w/Air 4N1 Bucket	$25,000
'82 Cat 966D, EROPS, GP Bucket	$60,000
'90 Case 621 Cab, New Rubber	$45,000
'86 Cat 936 EROPS, G.P. Bucket	$49,000
Michigan 85 Cab, Detroit Dsl.	$12,000
'91 JCB 408 EROPS, G.P., w/Qtach	$23,000

SKID LOADERS

'89 Case 1845C Dsl., Air Boss Tires	$10,900
'88 Bobcat 943, Dsl., Very Good	$12,000

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Kubota B8200 w/Loader & Rake	$10,900
Kubota L-3750, 4x4 w/Loader	$13,000
Case/IH 385, 2x4, ROPS, Very Clean	$13,000

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Case 585C, 21' Mast, Dsl.	$10,500
Dynalift D4P80 D.D., Shooting Boom, New Paint	$21,500
'84 Case 584D, 4000 Lbs., 28' Mast	$15,500

EXCAVATORS

'90 Hitachi EX120LC, Long Stick, V.G. Cond.	$32,000
'88 Case 125B, Long Stick, Very Good	$25,000
'87 Komatsu PC 200LC-III, Long Stick	$36,000
'91 Link Belt, LS-3400, C-II	$50,000

CRAWLERS

'80 JD 450C, 6 Way Blade	$12,500
'80 Case 450 G.P. Bucket	$9,500
'88 Cat 953, LGP, Loader, Cab	$50,000
'89 Komatsu D-66-S Loader, ROPS, G.P. Bucket Very Good Condition	$40,000
'86 CAT 953, ROPS Standard G.P. Bucket, Record. Undercarriage	$40,000
'88 John Deere 850B Long Track, EROPS, S/T, Blade New Engine w/Winch	$45,000
'90 Flat Allis FD 14E, Outside Angle	$25,000

MISCELLANEOUS

Ford 710 Leaf Loader w/Ford Dsl.	$6,000
'88 Ford F-350, 460 gas, 5 speed	$10,000
Ford F600 Truck w/Jerre Dan Rollback	$10,000
Beck Skid Loader, Trl.	$1,900
Bobcat Hammer, Model 2500	$2,900
'88 Chevy Suburban 4X4, 350, A/T	$4,000

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AC 5040D w/Loader
AC 6080D w/Cab, 4WD
DA 7110D w/Cab, Excellent
AA 6690 D, Low Hours
AC 7030 D w/cab, excellent
MF1155D
MF 205D
Farmall H

COMBINES
AC Gleaner M3 w/15' Flex Head & 630 Corn Head
AC Gleaner FKS w/13' grain & 430 corn head
AC Gleaner K w/10' Grain & 238 Corn Heads.
JD 6600 w/13' Grain&630 Corn Head
JD 4400 w/13' Grain Head

TILLAGE
JD 12' Disc
Oliver 563 4-B Plow
(2) JD 5-B Plow
AC 2000 6-B Plow
AC 50 Plow
Ford 5-B Plow
Ford 4-B Plow
(2) JD 40 Loader

BALERS
NH 273 w/thrower
IH 445 w/thrower
NH 320 wire
Case 230 w/thrower
JD 336 wire
IH 27 w/thrower
NH 69
IH 46 w/thrower
NH 268
IH 46
JD14 w/thrower
AC 443

FORAGE HARVESTERS
Fox 2310 w/2 heads
Gehl 400 w/2 heads
Gehl 600 w/2 heads
Gehl 1200 w/2 heads
NH 717 w/2-row head
JD 35 w/2 heads
NI 323 Corn Picker
IH w/1-row Corn Picker
(2) Gehl 99 Blower

HAY TOOLS
NH 411 Discbine
Hesston 1091 Mower Cond
Hesston 1090 Mower Cond
NH 489 Haybine
NH 38 6' Harvester
AC 490 Mower Cond.
NH 460 Haybine
(2) Hesston PTO 10 Mower Cond
(3) NH 479 Haybine
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Hesston 1014 14' Mower Cond
JD 1380 14' Mower Cond
JD 1209 Mower Cond

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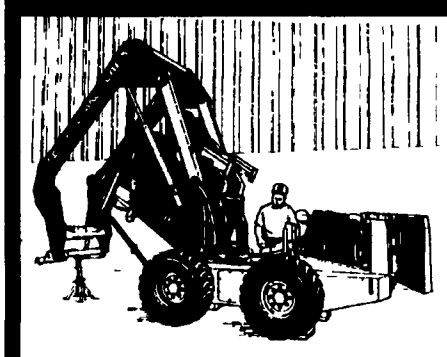
Hear How The New 35 Series Tractors will Make Your Life Easier From New Holland's Tractor Instuctors

TRACTORS DESIGNED WITH YOU IN MIND

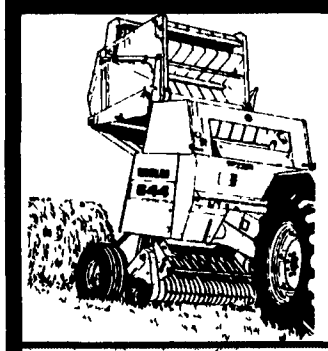
SKID STEER SERVICE SCHOOL 10:00 AM



Learn From The Pros

Pickup Valuable Information on Service and Adjustments Find Out How You Can Keep Your Loader In Top Performance. Get Valuable Tips On Safety And Maintenance

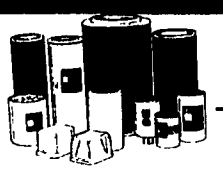
ROUND BALER SERVICE SCHOOL 2:00 PM



Discover How To Get The Best Performance In Tough Baling Conditions

Gather Tips On Cost Saving Preventive Maintenance From Our Hay-Making Specialists

PARTS SPECIALS JAN. 12 TO JAN. 17



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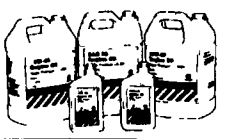

	Reg.	OPEN HOUSE PRICES
Quarts	$1.39	$1.19
5 Gal. Pail	$24.50	$20.83
55 Gal. Drum	$241.34	$205.00

134 HYDRAULIC OIL

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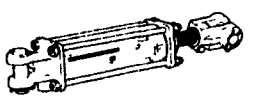
2.5 Gal.	$13.99	$11.90
5 Gal. Pail	$24.50	$20.83
55 Gal. Drum	$248.41	$210.00



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2x8 3x8 3 1/2x8

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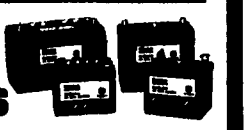

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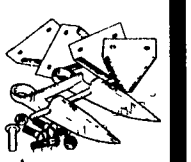

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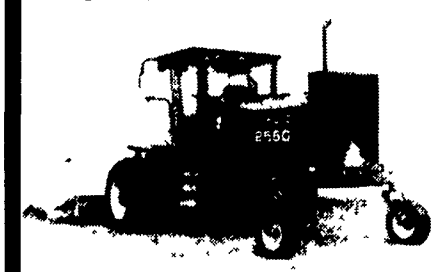
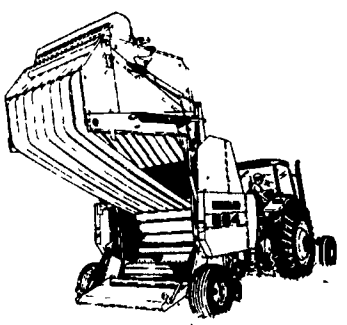


Model 2550 Windrower 100 HP With 12' Header Auger, Factory Demo

$24,557.00 Off List Price

A ROUND OF APPLAUSE



Model 664 Round Baler, Makes 5'x6' Dense, Perfect Blaes

$8247.00 Off List Price

RAKES WIDE FOLDS NARROW

Model 216 Unitized Rake Rakes Up To 27' Wide,Factory Demo

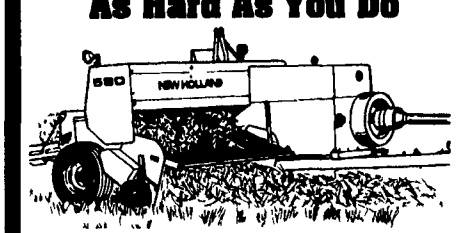
$6049.00 Off List Price

SUPERIOR HARVESTING CAPACITY

Model 1431 Pivot Tongue Disk Mower Conditioner, 13 Ft. Cut, 102" Conditioning Rolls

$6830.00 Off List Price

The Baler That Works As Hard As You Do



580 Square Baler Makes "Big" 16x18 Bales with Hydraulic Bale Tension

$8,745.00 Off List Price

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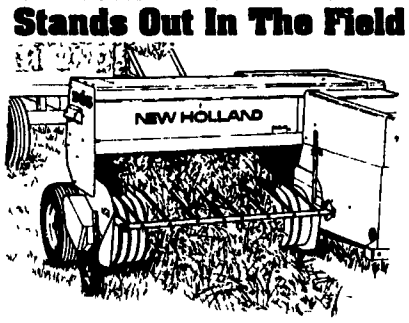

565 Baler Makes 14"x18" Bales with 72 Hydraulic Bale Thrower

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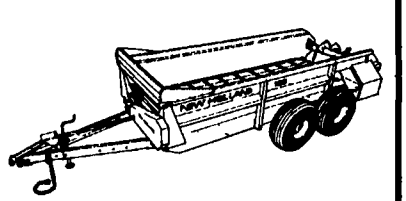
THE BIGGEST



Model 195 Spreader 410 Bushel Capacity

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Model 1465 9 Ft. Mower Conditioner With 5 Bat Reel

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IH 674D w/Loader
IH 684D
IH 856D WFE
IH 966
IH 1086 Cab & Air
IH 1466 D Cab
Ford 8N
JD B Tractor
JD 272 Finish Mower
Pequea 710 Tedder
Case 1840 Skid Loader
NH 455 Skid Loader
NH 553 Skid Loader
IH 2 MH Corn Picker
NI 323 Corn Picker
NH 851 Round Baler
NH 855 Round Baler
IH 440 Baler w/Kicker
IH 80 Combine
IH 715D Combine
NH 680 Manure Spreader
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IH 315 Cultimulcher
PTO Generators
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Case IH 860 Hay Rake
Pequea Trailers

Fancy 708 Uni w/1300 hrs., 1717 combine w/813 or 815 table, grey 844N or 604, 3R corn head
(2) Grey 846 corn heads
NI 767 Super Chopper w/2 heads
NI 766, 6' grass pickup, extra nice
(2) NI 709 4 wheelers
Adapter plate to put a 800 series ear corn head on Uni chopper
Adapters for 737 huskers, will take IH-JD-MF corn heads
NI 818 combine
Uni huskers grey 839, 737, and older
NI 705 diesel w/husker
JD 4400 diesel, '79 model
NI 6200 Chopper
IH 843, 4R corn head
NI 708 2 wheeler
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1988 FNH TR96 4WD, Full Eq w/973 20' Grain & 974 8R Corn
1987 Case IH 1660 4WD
1991 JD 9600, real nice
1990 JD 9500
1990 JD 4435 Hydro 4WD 900 Hrs
JD 4435 w/915 Flex
1986 JD 4425, nice
1986 JD 4425, nice
1988 JD 7720 Titan II 4WD
JD 7720 Titan II 4WD
JD 6620 Titan II
JD 7720 4WD w/216 Flex & 643 Cornhead
1979 JD 6620 Side Hill, good
1982 JD 6620 Side Hill w/Full Equip
1981 JD 6620 Side Hill
JD 6620 4WD w/215 Flex And 643
JD 6620 w/215 Flex
JD 4420 w/213 Flex & 443 C H , 1900 Hrs
JD 4420 w/443 Corn Head,
JD 4420, Local Trade
JD 4420 C A
JD (75) 7700 Hydro CA
(77) JD 7700, C A
1977 JD 6600 Side Hill, Real Nice
1976 JD 6600 4WD
JD 6600 Hydro w/2 Heads
1979 JD 4400, Fully Eqp
JD 4400D Rotary Screen
IH 1460, C.A , Hydro, 4WD w/820, Flex & 863 Corn Head,
IH 1440, As Is,
IH 1420 w/810 Grain & 943 CH
IH 915, Turbo Hydro, 4WD, w/810 Grain
(77) IH 815 D , C A. Hydro, 4WD w/810 Grain & 4R Corn
IH (77) 715 D C.A. w/810 Grain & 844 Corn Heads, IH 715 Gas, C.A. w/810 13' Grain
1984 MF 860 4WD, Real Nice
MF 860 4WD, As Is
MF 850 4WD w/2 Heads
MF 850 C A., Turbo, Hydro , w/17' Flex and 6R Cornhead
MF 550 Gray Cab, hydro, 4WD w/3 Heads
MF 540 C.A
MF 300 Gas CA, Real Nice
MF 300 Gas w/10' Grain & 3R Corn. White 8800
NH TR70 C.A. Hydro,
Gleaner M3 w/315 Flex & A630 Gleaner M2 w/2 Heads
Gleaner L2 w/A630 Corn Head.
Gleaner N-6 4WD w/20' Flex & 8R Corn
Gleaner F2 Diesel Turbo w/438 Corn
Gleaner F Dsl
NI 702 D w/727 Bed & 3R C H , NI 702 Uni w/727 and 735 Corn Head, N I 729A Shellers; NI Uni 838 Husking Unit w/841 Feeder House

CORNHEADS JD 843 Oil Bath, JD 653 Row Crop Head; JD 643 Oil Bath, Like New; JD 643 Oil Bath, 643 LP, 643, 444 Oil Bath, 444 LP, 444, 443 Oil Bath, 443 LP, 444, 443, 343, 244, 243, 435, JD 453, 454 Row Crop Head;
Case IH 1063, IH 983; 943; 844, 843, 833, 763, 744
Gleaner A638, L630, A C GL 440, C440, A438 Black, A430, F430, F335, KF 330
M F 1163, 1144, 1143, 83, 63, 44, 43, 33, 24.
NI 744W, Ford 4-30", Case (404)
NH 974 N6, NH 974 N4, NH 962 N6, NH 962 N3, NH 962 W4; NH 924, 4RW, White 704W; White 706N, Oliver White 4N, White 703

GRAIN HEADS: J D Used 12'-15', JD 918 Flex, JD 915 Flex, JD 913 Rigid, Incl 213 & 215 Flex & (2) JD 216 Flex, 213
Case IH 1020 17-1/2', Case IH 1020 20' Flex
I H 820 16-1/2' & 17-1/2' Flex
810-13 Thru 17 5' w/Reg or Floating
M F 10'-20' Reg or Floating Bar; A C E10'
N I 713 Flex Or Rigid; NI 715 S Flex.

TRACTORS Good Selection of 4WD Tractors
JD 6300 CA MFWD
JD 5400 MFWD w/540 Loader;
JD 5300 MFWD w/Loader;
JD 5300 [redacted] 2WD, 800 Hrs ,
JD 8760 4WD 42" Duals w/3 Pt.
JD 8760 4WD w/3 Pt,
JD 4960 CAPS, MFWD, 20x42 Duals, 2200 hrs, 1 Local Owner, Real Nice, 1993 JD 4960 CAPS, MFWD, 2100 Hrs., One Local Owner
JD 4960 Caps, MFWD w/Duals
JD 7800 CAPS MFWD
JD 7600 CAPS, MFWD, 1600 Hrs , JD 4955 C.A.P.S., MFWD; JD 4555 CAPS, MFWD, JD 4455 CAPS, MFWD; JD 4255 CAPS MFWD; JD 4255 ROPS, Power Shift, JD 3155 CA, MFWD w/265 Loader; JD 3155 ROPS, MFWD, JD 2955 CA, MFWD, JD 2955 CA, MFWD, JD 2955 ROPS, MFWD, JD 3155 ROPS MFWD w/JD 265 Loader; JD 2955 ROPS, MFWD w/265 Loader; JD 2955, ROPS; JD 2755 CA, MFWD; JD 2755 ROPS, JD 2555 w/Loader (Fire Damaged); JD 2155 MFWD, ROPS, w/175 Loader; 1988 JD 4850 CAPS, MFWD w/Duals; 1984 JD 4850 CAPS, MFWD; JD 4850 CAPS, MFWD w/Duals, JD 4850 CAPS, MFWD w/Duals, JD 4650 CAPS, MFWD, 1750 Orig. Hrs , JD 4650 CAPS MFWD w/Duals; 1988 JD 4450 CAPS MFWD; JD 4450 CAPS, MFWD, JD 4450 CAPS, MFWD, nice; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450 C.A.P.S , MFWD; JD 4450, C.A.P.S , MFWD, JD 4250 CAPS, MFWD, JD 4250 CAPS, MFWD, JD 4250 [redacted] MFWD w/265 Loader; JD 4250 CAQR w/Duals, 1988 JD 4050 CAPS MFWD w/265 Loader; JD 4050 ROPS, QR, Nice, JD 3150 MFWD w/265 Loader; JD 3150 CA MFWD, JD 3150 ROPS, MFWD, JD 2950 CA MFWD, JD 2950 MFWD w/new 740 Loader; JD 2950 MFWD, JD 2950 CA, JD 2950, Nice, JD 2950, JD 2750 MFWD w/245 Loader, JD 2750 HiLo, JD 2550 MFWD w/245 Loader; JD 2550 w/Creeper; JD 2350 w/175 Loader; JD 4840 C A P S Duals; JD 4840 C A P S , w/Duals, JD 4640 CAQR, 4 WD; JD 4640 C A P S , 18x42 Duals, JD 4640 C A Q R; Duals, JD 4640 C A.Q R , JD 4440 CAPS 3-Hyd w/Duals, Real Nice, JD 4440 C.A.P.S , 1982 JD 4440 C.A.Q R., 1981 JD 4440 CAPS, 4WD, JD 4440 CAPS; JD 4440 CAPS; 1981 JD 4440 C A.Q R ; JD 4440 CAQR, Good Cond , JD 4440 CAQR w/Duals; JD 4440 CAPS, 4WD; JD 4440 CAQR, 20.8x38 Tires, Good; JD 4440 CAQR, JD 4440 CAQR, 3 Hyd , JD 4440 C A.Q R , 1981 JD 4440 C A P S , JD 4440 C A.P.S , 4WD; JD 4440 C.A.Q R , JD 4240 CAPS w/148 Loader; JD 4240 CAPS, JD 4240 CAPS, JD 4240 C A.P.S , JD 4240 CAQR, JD 4240 CAQR; JD 4240 C A. w/Creeper Trans; JD 4240 ROPS 8-Spd ; JD 4240 Fender QR, JD 4040 CAPS, nice; JD 4040 CAPS, JD 4040 ROPS, Power Shift, JD 2940 CA, MFWD, JD 2940, JD 2940, JD 2840; JD 2640 w/Reverser w/146 Loader; JD 2640; JD 2640 8 Spd, IPTO; JD 2640 w/48 loader (needs trans work), JD 2640 w/146 Loader, as is, JD 2640, As is; JD 2440 w/145 Loader; 1982 JD 2440 w/HiLo; JD 8630 4WD (Needs Engine Work), JD 6030 CA; JD 4630 C.A.Q.R ; 4630 SR w/Cab & Air; JD 4630 CA, Syncro, JD 4630 ROPS, Syncro; JD 4430 CAPS, JD 4430 CAQR; JD 4430 CAQR, Local Trade; 4430 C.A.Q.R ; JD 4430 4WD w/Year Round Cab; 1977 JD 4230 CAQR; 1976 JD 4230 CAQR, Real Nice; JD 4230 CAQR, JD 4230 CAPS; JD 4230 Fender Quad; JD 4230 ROPS QR; JD 4230 ROPS QR; JD 4230 Fender QR; JD 4030 CA Syncro, JD 4030 QR, JD 2630, Good, JD 2030; JD 5020 w/Duals, JD 4520 w/Cab, Power Shift, Real Nice, JD 4520 w/Cab, Real Nice; JD 4520 w/Cab, Good Condition, JD 4520 ROPS Cab; JD 4320 CA, Real Nice; JD 4320 w/Cab, Real Nice; JD 4320 w/Cab ; JD 4320, Nice; JD (6) 4020's 1964-1972, JD 4020 SC PS, 1972 JD 4020, Nice; JD 4020 Side Console ROPS, JD 4020 S C , WFE, 2 Hydraulics, Diff Lock, 1968 JD 4020, JD 4020 Dif Lock, 2 Hydraulics; JD 4020 Power Shift, JD 4020 WFE; JD 4020 Tricycle Dsl , Side Console, Nice, JD 4020 Power Shift; 1972 JD 4000 WFE, JD 4000 w/Cab, JD 4000, As Is, JD 3020 Side Console, Real Nice, JD 3020 Side Console, JD 3020 SC WFE, JD 3020, WFE, PS, Real Nice; JD 3020 D, WFE; JD 3020 (As Is), JD 3020 Side console, As Is, JJD 2520 gas, WF w/JD 48 loader; JD 2520 Gas, JD 2020 Gas, JD 820 3-Cyl Dsl , JD 2510, Gas, Tricycle, JD 4010 D WFE, JD 3010 D WFE, JD 3010 Dsl Utility, JD 2010 Tricycle Gas; JD 730D w/3 Pt , JD 730 D w/3pt., JD 630, nice, JD 630, JD 530 w/3 Pt , JD 720 Tricycle Dsl.; JD 620 w/3 Pt , JD 520 WF
IH 5488 CA MFWD, IH 5488 CA w/Duals, IH 5288 CA w/Duals, IH 5288 C.A , IH 5088 C.A., IH 3788 2+2, IH 3588 2+2, Nice, IH 3588 2+2; IH 3388 2+2; IH 3588 2+2 (needs motor work), IH 3388 2+2, IH 3688 CA; IH 3688 CA, IH 3688 ROPS; IH 3688 ROPS, IH 3288 ROPS; IH 3088 Fender; IH 3088; IH 1586 CA w/Duals, Real Nice; IH 1586, CA, 2 PTO; IH 1586 CA Duals; IH 1586 ROPS w/Duals; IH 1586 CA, As Is; IH 1486 CA w/Duals, Real Nice; IH 1486 C A.; IH 1486 C.A.; 1486 C.A. (As Is), IH 1086 CA, 3 Hyd., Local Trade, Real Nice, IH 1086 C.A., Nice, IH 1086 C.A. Diff. Lock; IH 1086 CA, DL w/Duals; IH 1086 C.A.; IH 1086 C.A. Full Equip , IH 1086 C.A. 8 Spd.; IH 1086 CA (Needs TA); IH 1086 CA (Needs Rear End Work); IH 1086 ROPS; IH 986 CA, nice, IH 986 CA; IH 886 CA w/Westendorf Loader, Real Nice; I[redacted] 1976 1566 CA w/Duals, Real Nice; IH 1566 CA, IH 1566 CA w/Duals, Real Nice, IH 1566 CA; 1566 w/Cab, IH 1466 Black Stripe w/Cab, IH 1466 CA w/Duals, nice IH 1466 CA, real nice; IH 1066 CA, Real Nice; IH 1066 CA, Original, Excellent; IH 1066 Cab, Original, Real Nice; IH 1066 w/Cab, Nice, IH 100 Hydro, 1 Owner, Original, IH 100 Hydro w/cab; IH Hydro 100 w/Cab as is; IH 70 Hydro; IH 966D, WFE, TA, 2 Hyds.;IH 784 MFWD, IH 100 Hydro w/cab; IH 70 Hydro; IH 684 MFWD; IH 684, IH 584 w/2250 Loader; IH 484; IH 574 w/2250 Loader; IH 574D w/Loader; IH 1456 w/Cab; IH 1456 ROPS; IH 1256 as is; F826 (As Is), IH 656 Hydro Utility Dsl.; IH 656D Hydro, F706D Tricycle; IH 706 Gas (As Is); IH 544 Tricycle Gas, Real Nice; IH 504 Tricycle Gas; IH 504 Tricycle Gas; IH 424D w/PS, IH MTA w/PS, Farmall Super M,Farmall Super M WF, PS, Farmall M Dsl.,IH Super C, IH Super AV w/Cultivator, IH Super A w/Mower & Blade
AGCO 1993 Agco 8610 CA MFWD w/Loader; AC 8070 C A P S , MFWD, AC 8070 CA (Needs Motor Work), AC 8030 CA MFWD, AC 6080 MFWD, AC 6080 MFWD, AC 6080, AC 6060 CA, MFWD, AC 7040 C A., AC 7000 CAPS, Real Nice, AC 7000 w/Cab, As Is, AC 6080 ROPS; AC 5040, AC 210 w/cab,AC 200 w/Cab, AC 200 w/Cab, As Is, AC 185 w/Cab & Air; AC 185, Nice, AC 185D, AC XT190, as is,
Deutz Allis 9190 CA, MFWD w/Duals, Deutz Allis 6275 CA, MFWD w/Loader
Deutz Fahr DX 830 C.A P S , MFWD, Deutz DX 160 CA MFWD, Deutz DX160 CA; Deutz DX 160 CA, Deutz DX 140 CA, MFWD, Deutz 100-06 w/Cab
CASE IH
WHY BUY A NEW MAGNUM? WE HAVE 8 USED MAGNUMS.
1995 Case IH 7220 MFWD w/Duals, 600 Hrs
1990 Case IH 7140 CAPS, MFWD, 1988 Case IH 7140 MFWD w/Duals
1988 Case IH 7140 CA, MFWD, 20x42 Duals,
Case IH 9150 4WD
1991 Case IH 7120 CA, MFWD, 1989 Case IH 7120 CA, MFWD
1989 Case IH 7110 CA, MFWD w/Duals;
Case IH 7110 CA, MFWD, w/Duals, 1988 Case IH 7110 CA 2WD;
Case IH 5240 2WD, ROPS,
Case IH 5230 ROPS, 700 Hrs,
Case IH 5130 CAPS, MFWD w/510 Loader & Grapple; Case IH 5130 CAPS, MFWD w/510 Loader; Case IH 5130 CA MFWD, Case IH 5120 ROPS MFWD w/510 Loader; Case IH 5130 ROPS, MFWD w/510 loader; Case IH 5130 ROPS MFWD; 1987 Case IH 3594 CA, MFWD, Case IH 2094 CA, MFWD; Case IH 2096 CA, MFWD, Case IH 885 ROPS, MFWD, w/Shuttle, w/ 2255 Loader; 1990 Case IH 885 CA, Case IH 885 ROPS, Case IH 685 MFWD, Case IH 685 w/2250 Loader; Case IH 485 w/Shuttle & Front Mounted Forklift, Case IH 485; Case 4494 MFWD w/Duals, Case 3294 CAPS, MFWD, w/Duals, Nice; Case IH 2594 ROPS w/Duals; Case 1896 C.A.P.S., MFWD w/96 Loader; Case 2294 CAPS; Case 2294 CAPS, nice, Case 2294 C A.P.S , MFWD, Case 2294, C A.P.S , Case 1394 MFWD Mudder; Case 2590 CAPS, Local Trade; Case 2590 C A.P.S , 20 8x42, Case 2390 C A.P.S , Duals, Case 2290 CAPS, Real Good; Case 2290 C.A P.S , Case 2290 CA; Case 1690 MFWD, Real Nice; Case 2670 4WD (Needs Motor Work), Case 970 w/Cab; Case 970 ROPS, As Is, Case 1410; Case 930 Standard Dsl w/Cab, As Is,
1985 Steiger Cougar CS 280 w/Duals,
Steiger Bearcat 2 w/Duals & 3 Pt,
MF 3505 CA, MFWD; MF 699, MF 2705, C.A. 8 Sp , MF 2705, C A.P.S , MF 2675 C A., MF 184 4WD, MF 1105 w/Cab, MF 285 w/246 Loader; MF 285, real nice, MF 285, MF 275 CA, MF 275 w/236 Loader; 275, MF 265 w/Loader, Real Nice, MF 265D, MF 265, MF 180; MF 175 ; MF 135D
Ford 7740 SLE, CAPS, MFWD, 700 Hrs ; New Ford 4630 Turbo ROPS, 1989 Ford TW35 Series II CA, MFWD; Ford TW35 Series II, CA, MFWD; Ford TW5 CA, MFWD; Ford 8210 Series II, CA, MFWD; Ford 7710 Series II, CA, MFWD, 1600 Hrs., Real Nice, Ford 7710 Series II CA, MFWD; Ford 5610 Series II w/Loader; Ford 7700 CA, Ford 7[redacted], Ford 7600 w/Cab, Ford 7600 Dual Power w/Ford 777B Loader; Ford 5600, As Is; 4000 Gas w/Loader, as is; Ford 2000 w/Loader; Ford Jubilee, 1951 Ford 8N; Ford 8N w/Loader; Ford 8N,
Versatile 150 w/loader, as is;
Versatile 500 w/Duals, Good Condition.
Versatile 500 4WD, Full Equip.;
Agco White [redacted] CA, MFWD w/Loader, [redacted] Hrs White 4-150 CA 4WD; White 4-150, White 4-150; White 2-155 CA, Real Nice; White 2-150 w/Cab, White 2-150; White 2-135 Series III CA; 2-135 C.A.; 2-105 CA, Duals, White 2-105, Real Nice; White 2 85 C A.; White 2-70, Nice; Oliver 1855, Oliver 1655, Oliver 1655, Oliver 1850, as is
New Belarus 532 MFWD w/Loader; New Belarus 532 MFWD

TRACTORS & EQUIP. JUST TRADED:
JD 8640 4WD w/Duals, Kubota B20 MFWD Loader Backhoe, JD 12' Direct Cut Head, Brillion 8' Seeder, Case 1835B, As is, IH 2250 Loader, IH 235 w/Loader, JD 622 AMT, Case 1845C, NH 256 Rake, Brillion 11-Shank V-Ripper, White 5100 4R Planter, Mustang 445 Skid Loader, NH 352 Grinder Mixer, JD 2550 MFWD w/245 Loader; NH 782, NH 38 Flail, JD 670 Rake w/Dolly Wheel; JD 3155 CA MFWD, NH 790 w/790W PU, Brillion 14' Rear Transport Packer; H&S Single Axle 3-Beater w/Roof, NH 38 Flail, Kubota L2850 GST MFWD w/Loader; Ford 4630 CA, Fox Dump Station, JD #15 Excavator; GT Grain Dryer, Ford Loader; Ford 1715 MFWD w/Mower; Brillion 12' seeder, JD 3010D, Ford 545 Loader Backhoe, JD 7000 4R Conservation, York Stone Rake, Case IH 8360 Hydra Swing, (2) JD 716A Tandem Wagons, NH 499 Hydra Swing, JD 3970 w/3R & 7' Hay Pickup, Gleaner F Dsl , Clark C500 Forklift, (2) Case IH 496 21' Discs; JD 60 w/PS, Walden Front Blade for 4440, Ford 555 C Cab, Ext-A-Hoe, JD 235 Center-Fold Disc, JD 843 Oil Bath CH, Real Nice; JD 7000 6R Conservation, Full Eq , JD 4020 Side Console, Oliver 1650 MFWD, Case 2090; Case 2290, JD 6600 hydro, real nice; JD 7700 Hydro, Real Nice; Toyota Forklift

CORNPICKERS: NI 325 w/12 roll Bed, Picked 100 Acres, like new, (4) NI 325 w/12 Roll Husking Bed, Real Nice, NI 325 w/12-Roll Bed, late Model, Real Nice, (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers, NI 325 w/Super Sheller; NI 324 w/12-Roll Bed, Like New; NI 324 w/12-Roll Bed, Excellent; (2) NI 324 Corn Pickers w/12-Roll Beds, Real Nice, (4) Used 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; NI 323; NI 323 Picker; NI 330 3R Picker w/12-Roll Bed, NI 318 Grinder Attachment New N I 329 Super Sheller (List $6700, Special $3,550, N I 330 - 3RN w/Supershellers

PICKER: F460 gas w/234 picker; NI 319 2-Row Mounted Picker w/12" Roll Bed NI 838 Husking Bed;

FORAGE EQUIP: Forage Harvesters w/Choice of Heads
JD 5820 CA 4WD w/4R & 7' Pickup; JD 5720, 4WD w/2 Heads, JD 5720 4WD w/2 heads, JD 5460 C A., Hydro 4WD w/4R CH & 7' Pickup, JD 3970, 1 year old, JD 3970 w/Iron Guard & Spout Track, JD 3970 w/ Iron Guard & Spout Track w/2R Corn & 7' Hay PU, JD 3970 w/7' Pickup & 3R CH, JD 3950 w/IronGuard w/2 Heads, JD 3950 w/Spout Track, JD 3950 w/Hay PU, Real Nice, JD 3950 w/7' Pickup; JD 3960 w/2 Heads, JD 3960 w/2 Heads, Full Equip , JD 3940 w/2R CH, JD 3940,
JD 3960 w/3R Cornhead, JD 3800 w/Hay Pickup, JD 3960, As Is,
NH 1900 4WD w/4R & PU; NH 1900 2WD w/NH 360 4R Corn Head, NH 1895 4WD w/2 Heads, NH 1890 4WD w/3 Row Auger Base & Hay PU , NH 1600 w/Hay PU, FNH 900, Real Nice, NH 900 Tandem w/Metal Alert, NH 900 Chopper, NH 892 w/Metal Alert, NH 892 w/824 Corn, 880 w Pickup & 880 S Direct Cut, NH 892 w/824 C H ; NH 892 w/890 Pickup; NH 892 w/2 Heads; FNH 790 w/824 Corn & Hay Pickup, Real Nice, FNH 790 w/790 W Hay Pickup, FNH 790; NH 790, NH 782 w/824 CH & 790W Hay PU, NH 782, Nice; NH 782 w/822 Corn, NH 782 w/PU; NH 718 w/722 1R Corn Head, Case IH 8710 w/2R & Hay Pickup, IH 881 Chopper w/2R & Pickup, IH 781, IH 830 w/2R & 7' Pickup; IH 720 w/2R and Pickup, IH 720 w/2R & hay Pickup; IH 830 Chopper w/2R & Hay Pickup, IH 830 w/2 Heads,
Field Queen SD w/Dump Box,
NI 709 4WD w/767 Chopper, 768 3R C H., 766 Hay PU , As Is
Gehl 1260 Tandem Axle, Auto Max w/2R & Hay PU;
Gehl 1250 w/3R & Hay Pickup
Gehl 1200 w/2R Snapper Head
Gehl CB 1200 Chopper; Gehl 760 w/2R & Hay PU
Gehl 750 w/2R C.H.

FORAGE HEADS: Nh 939 6R Auger Base silage Head; NH 939 4R Auger Base Corn Head; FNH 939 N3 Corn Head; NH 890A Auger Base w/890 N3 Corn Head, NH 890 Auger Base w/3R CH, NH 3RW Auger Base Head, NH 824 Corn Head, NH 822, NH 880 N2 Corn Head, NH 890 EN2 Snapper Head, NH 890 EN2 Snapper Head, NH 770 N2, NH 717-S Direct Cut For 770 & S717, 890 EN-2RN Snapper; 770-1R Snapper; NH 890 w/2 or 3R C H , NH 890 2R Snapper Head, 1R & 2R Silage, NH 900W Hay Pickup, NH 880W PU
JD 6' Direct Cut Head, JD 4R Converging Silage Head, JD 4R 30" Conv Head, JD 6 RN Stalker Head, JD 4 RW Stalker Head, JD 4RN Stalker Head, JD 4RN Stalker Head, JD 443 Oil Bath w/Adapter Plate, JD 343 CH w/Adapter Plate, JD 243 w/Adapter Plate, JD 2 & 3R Snapper; 2 & 3 R Silage, JD 3RW Silage Head; JD 3RW Silage Head; Used 51/2' and 7' Hay Pickups, JD 443 w/Adapter Plate, JD 443 Low Profile Corn Head w/Adapter Plate For Harvester; JD 244 w/Plate; JD 243 C.H. w/Adapter Plate, JD 1R Snapper IH 2R Snapper Head, Like New, Gehl 2RN Corn Head
NI 768 WN 3R Corn Head; NI 763 3R Corn Head
2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup

BLOWERS Case IH 600, Case IH 600; IH 600, IH 56, Gehl 1540, Gehl 800 Recutter Blower;
Tube-O-Lator Bale Bagger

AG BAGGER Ag Bagger Jr Bagger, 3-Years-Old, Ag Bagger w/Table

FLAIL CHOPPERS: JD 16A, NH 38, Brillion 6R Stalk Shredder, Nice, IH 60 stalk shredder; MC 6R Stalk Shredder; JD 27 Stalk Shredder; JD 27 Stalk Shredder; MC HD 10' Flail Mower

SILAGE WAGONS: FNH 816 Tandem Axle w/Roof, FNH 716 TA w/Roof, Nice; (2) FNH 716 Tandem 3-Beater w/Roof, Gehl 970 Single Axle w/Roof, JD 716A T-A 3-Beater w/Roof; Balzer 7018 T/A w/Roof, Richardton 700 Side Dump Wagon; Richardton 1200 Side Dump Wago, Dual 5100 Side Dump Wagon, Balzer 1014 Dump Station.

HAY ED; BALERS: NH 2000 Big Baler; JD 338 w/¼ Turn Chute, Like New; JD 347 w/Thrower; JD 347 w/Thrower; JD 347 w/Thrower; JD 347 w/Thrower (As Is), JD 337 w/40 Thrower; JD 337 w/Thrower; JD 337 w/1/4 Turn Chute, JD 327 w/Thrower, Real Nice, JD 327 w/40 Thrower; JD 327 Baler w/Thrower; JD 336 w/30 T, JD 24T w/Thrower; JD 30 Thrower; FNH 575 w/1/4 Turn Chute; FNH 565 w/72 Thrower; FNH 570, Like New, FNH 565, Like New, NH 316 w/70 Thrower, Nice, NH 316 w/#70 Thrower, Nice, NH 425 Wire Tie Baler; NH 316 w/#75 Thrower; NH 315 w/70 Thrower, Nice; NH 315 w/70 T; NH 311 w/70 Thrower, nice, NH 311 w/#75 Ejector; NH 320 w/1/4 Turn Chute, NH 310 w/70 Thrower; NH 276 w/Thrower; NH 275 w/Thrower; NH 273 w/Thrower; NH Super 68 w/Thrower, Real Nice, NH #75 Ejector; NI 571; Case IH 8540 In-Line Baler w/Thrower; Case IH 8530 w/Thrower, Real Nice, Case IH 8530 w/Thrower, Like New, IH 445 w/thrower; IH 435, Hesston 4590 in-line w/chute, like new; Hesston 4600 in-line w/thrower
Hesston 4800 Big Baler; Hesston 4800 Big Baler

ROUND BALERS NH 640 Silage Special w/Fast Net, 1 year old, JD 385; JD 375, JD 335, JD 330, JD 430, JD 435 w/Net Wrap, Fire Damaged, JD 510, JD 510, JD 510, FNH 630; NH 858, NH 855, NH 855; NH 853, NH 853, NH 852 Auto Wrap, NH 852, NH 851, NH 851, NH 850; NH 849, NH 848 w/Memory Wrap, NH 848, NH 847, Nice, NH 847 w/Auto Wrap, NH 847, as is, Gehl 1865 Real Nice, Gehl 1400; Gehl 1400, Deutz Allis GP 2 80; Case IH 8420, Case IH 8420, NI 486, NI 484, NI 484, Real Nice, NI 484; NI 456; Hesston 5580; MF 656, Vermeer 706C, IH 2400, IH 241

RAKES: New Case IH 860 Hyd Drive w/Dolly Wheel, Case IH 96, Hyd Drive, Case IH 96 Hyd w/Dolly Wheel, Case IH 96 w/Dolly Wheel, Case IH 96, JD 670; JD 660 w/Dolly Wheel, (2) JD 660 w/Dolly Wheel, JD 700 Double Rake; IH 35, Ferguson 3pt, Deutz Allis KS 1 50 Tedder Rake, FNH 162 Tedder; NH 162 4-Star Tedder, Pequea 710 PTO Tedder; Fahr KH40 Tedder; Fahr KH40 4-Star Tedder; Fahr KH700 6-Star Tedder; NH 144 Hay Inverter; (2) FNH 144 Hay Inverters, FNH 144 Inverter, Real Nice,

HAYLINES: Case IH 8840 16' Windrower CA, FNH 1499 CA, FNH 1496 CA Hydro, NH 1495D CA Hydro Yellow Back; NH 1495 CA Hydro; NH 1495 D, Half Cab, Hydro; NH 1495 Gas w/Cab, 1994 NH 415 Discbine, 1992 FNH 415 Discbine; NH 411 Discbine; FNH 499; FNH 499; NH 499, FNH 492, FNH 489; NH 489, NH 477; 474, NH 472,JD 2420 Self-Prop Windrower w/Cab; JD 1600 12' Hydro Swing, Real Nice, JD 1600 12' Hydra Swing, JD 1470 Discbine, Nice; JD 1460 Discbine, (2) JD 1360 Discbine; JD 1360 Discbine, JD 1350 Discbine; JD 1219, Real Nice, JD 1219, Nice, JD 1219, JD 1219; JD Haybine Windrow Inverter; IH 1490 12' Hydra Swing, Case IH 8350 12', Case IH 8330, Hesston 1050 Discbine, (2) Gehl 2350 Discbines, Gehl 2170, Case IH 8330, real nice, Vicon KM321 Discbine, Vermeer 275 Discbine, NI 279 Cutditioner, Ne[redacted]79 Cutditioner

BALE WAGONS: NH 1010, NH 1010, NH 1010, NH 1012, NH 1033, NH 1033, NH 1034, NH 1037, NH 1038, NH 1044 , NH 1044, Pequea 18' Hay Rack Wagon

PLANTERS: JD 7200 12R Planter, JD 7200 4R Cons Vacuum, JD 7200 4R vacuum, Like New, JD 7000 6R Liquid w/no-till, JD 7000 6R Planter; JD 7000, 6RW Plate Planter; JD 7000 4R Conservation Liquid; JD 7000 4R Cons Liquid, JD 7000 4R, JD 7000 4RW Dry, JD 7000 4RW Liq w/No-Till, Case IH 800 4R, IH 800 6R, IH 800 4R, Deutz Allis 385 4R No-Till, Hinker 4R Econotill, No-Till; w/Kinze Units;

DRILLS: Case IH 8600 30' Air drill, Like New; JD 8300, 24x6, JD 8300 21x7 w/Grass Seed, JD 8300 21x7 DD, JD 8300 18x7 w/Grass Seed, JD 8300 Drill w/Tandem Hitch; JD 8350 18x7, JD B Drill, JD 1500 Power Drill, Tye 24x6 Drill, (2) Case IH 5300 20x6 w/Tandem Hitch; IH 5100 Soybean Special 21x7 w/Press Wheels & Grass Seed; IH 5100 21x7 w/Press Wheels; IH 5100 18x7 DD w/Grass Seed, Case IH 5100 18x7, Moore 9' Uni Drill, Brillion 10' Transport Seeder;

GRINDERS/MIXERS: NH 358 w/Scales, NH 355 w/Scales, NH 355, Real Nice, NH 355, NH 355, NH 357, NH 357, NH 354; NH 354, JD 750; Case IH 1250 Hyd. Drive w/Scales, IH 1250, IH 1150; Gehl 95; JD 840 Round Bale Processor, Like New; Hesston BP25 Round Bale Processor; UFT Round Bale Processor; Farmhand X630 Tub Grinder; Farmhand XG30 Tub Grinder; Farmhand 6650 Tub Grinder; Farmhand 6650 Tub Grinder;

TILLAGE EQ.: JD 2X Roll-Over; JD 3X; MF 345 3x & 4x 3pt Spring Reset, JD 845 4X Roll-Over; White 508 4X, Ford 142 5x Spring Reset, White 508 5X, Oliver 548 5X, JD 2500 5X Reset, JD 2700 5X Toggle Trip, IH 720 5X 18", IH 720 5X 18" On-Land, JD 2800 6X Toggle Trip, Like New; JD 1450 6X, White 549 5X Spring Reset, White 549 6X, White 588 6x18" On-Land, IH 700 6X Spring Reset; IH 710 6X 18' Spring Reset, IH 720 5x-6x, IH 720 6x18 Plow, IH 720 6X Reset Plow, IH 720 6x16 Spring Reset On-Land, JD 2700 6X On-Land, JD 2800, 6X, On-Land, JD 2800 6X On-Land, Case 400, 6x18 Spring Reset On-Land, (2) JD 2800S, 7X, JD 2800, 7X On-Land, JD 2800 7X On-Land; JD 2800 8X Plow, IH 710 8X On-Land, White 598 5-8-10X on-land; IH 800 10X Flex Plow

CHISEL PLOWS: Brady 12' Chisel Plow; Powermate 12, IH 13-Tooth

DISCS: Miller 9' Offset, Hutchmaster 11' Offset, NH 200 13' Offset; IH 770 14' Offset; MF 14' Offset; JD 1630 12' Heavy Disc, Miller Series V 14' Rock Flex, Like New; Case 15' Heavy Disc, JD 310 13', JD 310 14', Miller Series V 12 Flex; White 15' Offset; Miller 16'9" Hyd Fold Offset; AC 2500 18' Center Fold Rock Flex, JD 220 19' Rock Flex; JD 235 19' Center Fold Dura-Cushion, JD 220 18' Center Fold, JD 230 21' Hyd Fold, JD 235 20' Rock Flex, Dunham Lehr 34-20' Rock Flex; Krause 1900 21' Rock Flex; Case IH23 22' Rock Flex; Krause 240[redacted] Rock Flex, Real Nice, JD 335 32'.

MULCH TILLERS. Brillion 7-tooth Soil Saver; Brillion 7 Shank Soil Saver; Case 9-Tooth Soil Saver; IH 6000 13-Tooth Soil Saver; Glenco 18' Fold Soil Saver; Glenco SS18 Fold Soil Saver

CULTIMULCHERS: Case IH 415 12', Case IH 415 12'; Case IH 415 12', Brillion 13'6" Stretch Frame, Brillion 15', Brillion 15'; Brillion 14', Brillion 10'

CULTIVATORS: Ford 2R, JD 4R Front; JD RM 4R S-Tine, 4R S-Tine, Bush Hog 4R S-Tine, Spring Devil 4R S-Tine, New Case IH 1820 4R, Brillion 4R w/Fert., Lilliston 6R Rolling, Lilliston 5R Rolling Cultivator; Case IH 183 6R S-tine, Noble 6R S-Tine, McKee 6R S-tine, Westgo 6R S-Tine, New JD 825 6R S-Tine, IH 183 6RW Folding, IH 65 6 & 8R Front Mounted, Oliver 6R Front Mount; 14R S-tine, JD 1010 28' Hydraulic Fold Field Cultivator; Brillion 23' Hyd Fold Field Cultivator; IH 30' Field Cultivator;

MISC.: Brillion 28' X-Fold Packer; Brillion 12' Packer, Nice; JD 14' Packer; M&W Model 960, 8' Soil Master Disc Ripper; JD 400 20' Rotary Hoe, Real Nice; JD 400 20' Rotary Hoe; JD 400 15' Rotary Hoe, JD 400 15' Rotary Hoe,Yetter 15' Rotary Hoe, IH 2 Pt. 15' Rotary Hoe, JD 900 7-Shank V-Ripper; Brillion 5-Shank V-Ripper; Howard 130" Rotovator; Howard #100 Rotovator;

INDUSTRIAL: 1991 Case 580K Loader Backhoe, Real Nice, Case 580 Super E w/cab, Ext-A-Hoe; Case 580 Super E, cab, ext-a-hoe, Ford 545 Industrial Loader; JD 555 Crawler Loader; JD 2010 Crawler Loader, as is, JD 2010 Crawler w/Blade & Winch; Int 3-Axle Trailer; Ford 4500 Gas Industrial, Loader, 900 Hrs , MF 40B Industrial Loader; Case 680C, ROPS w/Loader, As Is, IH 3850, Gas, 4WD, Forklift; MF 2200 Dsl forklift, As Is; 4-in-1 Bucket for JD 450; ARPS 730 3-Pt. Backhoe, ARPS 740 3 Pt. Backhoe, Rockhound 72A, Like New; Rockhound 72A.

SKIDLOADERS: 1986 Case 1845C, 1987 Case 1845C, Case 1845C, As Is, Case 1845D, 1993 Case 1840, 1991 Case 1840; Case 1840, 1989 Case 1835C; 1989 Case 1835C, Case 1835C; Case 1835B, Case 1835B, Case 1835 B, Case 1835 dsl , Case 1835D, JD 675B, JD 575, JD 575, NH 555 w/Grapple, FNH 455, NH 455; NH L775, As Is, NH L225, NH 225, Bobcat 743B, Bobcat 825, Bobcat 825, Bobcat 743, Bobc

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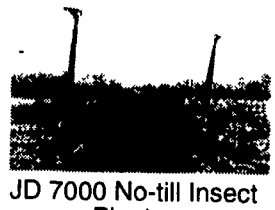
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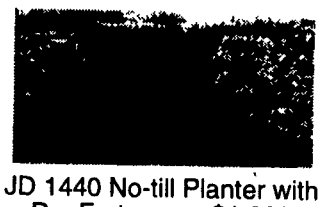
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NH 326 Baler w/70 Thrower
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IH 720 S.R S 4x Plow
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IH 710 3x16 Spring Reset
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1981 MF860 with 15 ft. Floating Grain Head with 3,400 hrs. $12,000
1979 MF760 with 16 ft. Floating Grain Head with 3,867 hrs. $11,500
1979 MF550 with 13 ft. Grain Head with 3,898 hrs. $11,000
1977 MF750 with 15 ft. Floating Grain Head $9,000
1975 MF760 with 18 ft. Flex Head with 3263 hrs. $9,500
Like New 20 ft. MF 9650 Floating Grain Head to fit MF 860 & 760 Combine $9,700
MF 8570 Rotary Combine 200 HR. ..... DEMO

USED HARVESTERS

S P Field Queen 3 Row 30" Corn Head $5,800
JD 3970 3 Row Corn 7' Hay Pickup $15,500
1994 Claas 690 Jaguar SN 18809-1547 4 Row Corn Head, 10' Hay Pickup Head, Roller Mill, 4WD, Auto Pilot Self Steer Feature, Cable Release Wagon Hitch, Machine Hours: 1008 Engine Hours: 1310 ..... $115,000
NH 2100, 4RN Cornhead, 10' Hay Head, 4WD, 2500 Hrs., Like New, One Owner
JD 35 Harvester w/2Row Cornhead $2,900

HAY EQUIPMENT

Claas 380, Rotary Rake, Pull Type, Demo $3,500
New Holland 489 Hay Bine $2,500
GMR 3200 Vicon Disc Bine 10'6" $7,900
Claas 1550 Rake 21' $5,600
GMR 2800 Disc Mower Condition 9'4" $9,500
Case IH Round Baler 8430 4x4 Bale $8,000
Demo Vicon 1511E 5x6 Round Baler $9,900
Vicon 1511E Round Baler $6,900
New Farmlund Bale Wrapper

MANURE & FEEDING EQUIPMENT

Lucknow Mixer Wagon, 375 Cu. Ft. $9,000
Used Vicon Feeder Main ans Sub Stanchion $1,500
New Idea 364 Manure Spreader 390 Bu. Tand. Axles $2,600
Teagle Bale Shredder $1,900

PLOWS & TILLAGE

AMCO-Offset Tandem Disk 12' Demo $5,900
McConnel 6 Row 30" Cultivator $1,250
JD 400 Rotary Hoe $1,400
M&W 5 Tooth V Ripper $5,700
JD 2500 6 Btm Hyd. Reset Plow $2,500

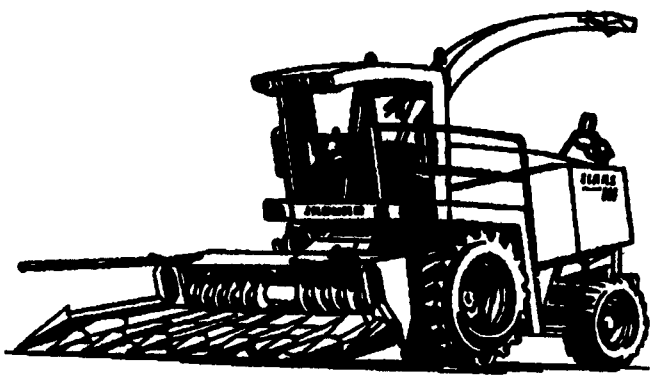
MISC. EQUIPMENT

A&W Dynamometer 400 HP
IH 510 Grain Drill $2,200
Brady 12 Ft. Flail Shredder $5,500
MF 1017 Backhoe for MF 1035 ..... $3,900
JD 300 Cornpicker, 2 row, 30" $2,800

SNOW BLOWERS

Inland 84" Snow Blower for Skid Loader $3,500
Inland 84" Single Auger
Inland 84" Double Auger
Luck Now 8'4" Single Auger
Woods 74" Single Auger
Allied 96" Double Auger $2,600

SEE WHAT SATISFIED CUSTOMERS SAY ABOUT THE CLAAS HARVESTER



...the most fuel efficient and raw powered engine on the farm, don't ever change the Mercedes! The straight flow design of the cutting system provides efficient use of the corn cracker.

*****

...I am very impressed with the simplicity of design and the workability for service. The capacity of the CLAAS exceeded my expectations. My customers are very pleased with the uniformity of the chop length and the benefits of the corn cracker.

*****

...The CLAAS has accessibility to all locations of the machine for maintenance and service. The Auto-Lube system was a major time saver. The fuel consumption with the Mercedes is 15% to 20% less per ton than my previous competitive machine.

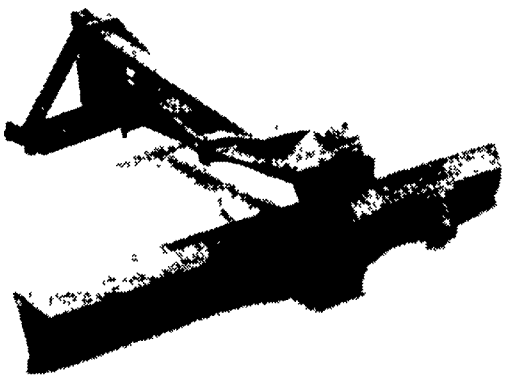
*****

...The CLAAS chopper is a well thought out, well planned, operator friendly machine built to stay running!

Come To Our Open House Day, January 28

Woods Snowblowers & Scraper Blades

Scraper Blades



1. 108 & 120 inch working widths
2. Reversible high carbon steel curved cutting edge
3. Manual angle, offset and tilt features (optional hydraulc adjustment)
4. Rated up to 150 HP (15,000 lb. max weight)
5. Blades in stock

Snowblowers

1. 52 to 74 inch working widths
2. 3 blade, 18 inch blower fan
3. 30 inch PTO drive shaft with shear pin shock protection
4. 210º hand crank chute rotator

WOODS

NOW IN STOCK
Demo Tractors

- Model 399-4 Tractor
- MF 362 Tractor 55 HP
- Model 3120-T, 2 Wheel Drive

1990 MF 8460 Combine with Hillside Cleaning, 20 Ft. Floating and 6 Row Corn Head, 2189 Hrs
$67,000

NH 2100, SN#404504, 1984, 4 RN Cornhead, 10' Hay Head, 4WD, 2500 Hrs , Like New, Rubber Excellent, One Owner
$59,000

MF 3680 4x4, 160 HP
$34,000

Open House Day - Wednesday, January 28, 1998

CASH SALES DAYS

62nd Anniversary Discount Days

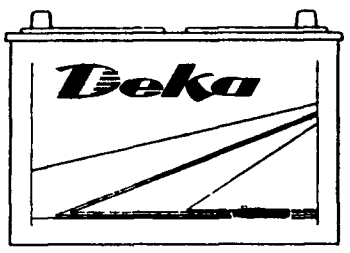
• PARTS • NEW EQUIPMENT • GOOD USED EQUIPMENT

January 3rd thru January 30th, 1998

Mon. thru Fri. 7 AM to 5 PM, Sat. 7 AM to 12 Noon *All Items Subject To Availability*

WINTER SALE ITEMS

Deka Batteries



Check Your Battery Needs Here And Save!

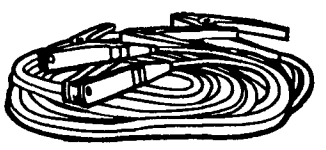
BATTERIES & ACCESSORIES- 20% SAVINGS

- 624MF Group 24.....List $66.80 ..... SALE **$53.44**
- 627 MF Group 27.....List $80.69 ..... SALE **$64.55**
- 1231 PMF Group 31.....List $111.19 ..... SALE **$88.95**

Batteries for all your farm needs, up to a 72 month warranty!

All Other Batteries In Stock — 20% OFF LIST

DEKA BATTERY BOOSTER CABLES



- 12 Ft., BD92X, 4 Ga. List $24.90 SALE $19.92
- 16 Ft. BD94X, 4 Ga. List $30.12 SALE $24.10
- 20 Ft., BD96X, 4 Ga., List $33.78 SALE $27.02

STARTING ETHER

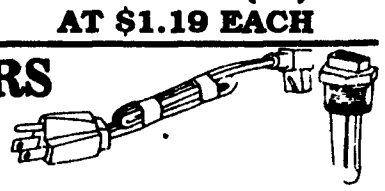
- Starts stubborn engines in seconds
- Prolongs Battery Life
- Sprays to 65° below zero

11 Fl. Oz...List $1.25...**SALE $1.12** CASE LOT (12) AT 99¢ EACH

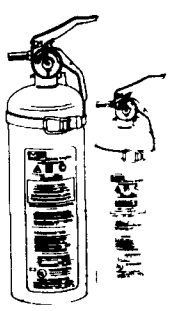
15 Fl. Oz...List $1.49...**SALE $1.34** CASE LOT (12) AT $1.19 EACH

BLOCK HEATERS

20% OFF



FIRE EXTINGUISHERS



Don't be caught without protection!

Install reliable Massey-Ferguson Fire Extinguishers in your home, the barn, animal pens, on tractors and combines. They're made of Heavy duty carbon steel with non-corrosive parts, inside and out, and operate with positive on-off squeeze grip; feature easy reading waterproof gauges.

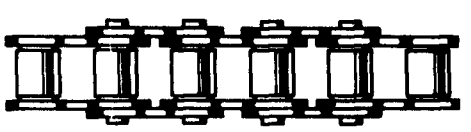
20% SAVINGS

- 20-004A91..... List $36.78 .....SALE **$29.42**
- 20-005A92..... List $55.05 .....SALE **$44.04**
- 20-006A91..... List $69.00 .....SALE **$55.20**

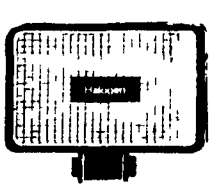
U.S. DIAMOND ROLLER CHAIN

20% OFF REGULAR PRICE For 10 Ft. Rolls

Choose The Quality, Price & Size Of Chain & Links You Need. We Offer Domestic Chain.



HALOGEN LIGHTS



PS7189850 (4x6)..... .....$22.02 .....**$17.62**
PS7376150 (3x5)..... .....$19.56 .....**$15.65**

Selling Hydraulic Fluid At Low Prices!

LUBRICANTS Offering The Lowest Prices...

We've stocked up on quality oil so you can stock up and save, too!

Oil Special

UNIVERSAL HYDRAULIC FLUID

PERMATRAN III

Universal extreme pressure transmission & hydraulic fluid.

Stock One Oil For All Your Farm Equipment

Permatran III Oil

	List Price	Sale Price
• 2½ Gal. 841743M1	$13.56	**$11.53**
• 5 Gal. 841813M1	$26.16	**$22.24**
• 55 Gal. 841744M1	$263.16	**$210.51**
• 330 Gal. 841850M1	$1437.62	**$1150.13**

MOTOR OIL

841734M1 15-40 2½ Gal.	$12.59	**$10.07**
841815M1 15-40 5 Gal.	$25.14	**$20.11**
841735M1 15-40 55 Gal.	$259.89	**$207.91**

MF FILTERS Lube, Fuel, Air *Hydraulic*

Don't fall for look-a-likes - use Massey-Ferguson filters for better & longer engine life.

LUBE & FUEL FILTERS

20% OFF All Filters

GREASE AND GREASE GUNS

		LIST	SALE
841618M1	10 Pkg.	$11.30	**$9.90**
841618M1	50 Pkg.	$56.50	**$45.00**

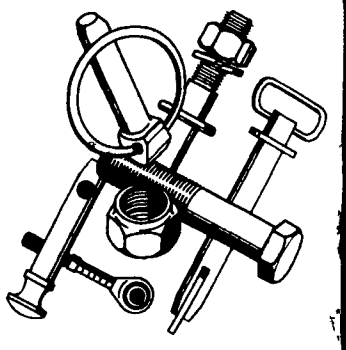
Pistol Action Grease Gun.....Reg. $17.40 .. **$13.95**

Lever Action - Grease Gun.....Reg. $10.73 ..... **$8.95**

HEX BOLTS GRADE 5 HARDWARE NUTS/WASHERS

Grade 5 Plated Hardware Available By The Pound

Save! Buy Per Pound!

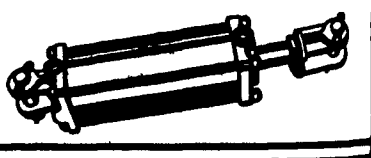


15% OFF ALL MF OVERHAUL KITS

- 83923 6M91....List $385.53 .....**$327.**
- 839238 M91....List $449.93 .....**$382.**

HYDRAULIC CYLINDERS

3x8 Cl... List
3½ x8 ... List



You're Invited To

OPEN HO...

Thursday Jan.

REFRESHMENTS

STOCK IN AND SAVE $$

10% OFF All-Sa... Through Jan... 30

SINCE 1936

M.M. WEAVER

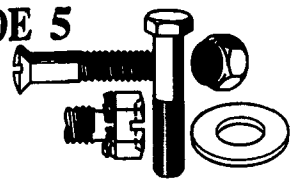
MASSEY FERGUSON

Tractors And Combines

Leola, PA 175... Phone:

Located: 4 miles West of New Holla... & 23, 1... No. Groffdale Rd., 1 mile on the righ... Gro...

GRADE 5



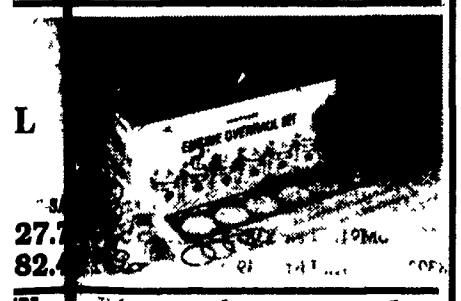
RS

99¢ Lb. Self Service $1.10 Per Lb. We Pick

HITCH PINS AND ASSORTMENTS

SAVE $!

ON SALE NOW



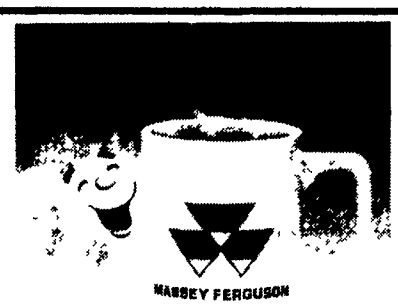
3x8 Cross
List $60.30 ..... $55.28
3½ x8 Cross
List $80.70 ..... $73.98

Invited To Our
WAREHOUSE
Sale Jan. 28th

STOCK IN
AND SAVE $$!

DOOR PRIZES

Sale-Sale Items
January 30, 1998



WAKE UP TO SAVINGS

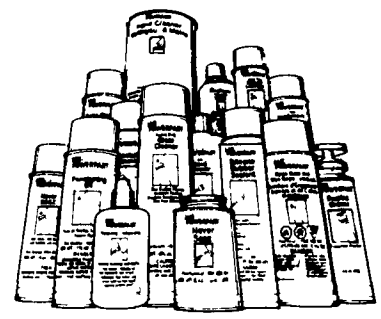
At Our

PARTS FAIR SALE

Quality Parts • Quality Prices • Quality Service
Once A Year Prices, Once A Year Savings.

POWERPART CHEMICALS and PAINT SALE

Work faster and easier with Powerpart Chemicals. Clean, lubricate, seal and condition with our full line of chemicals. For field, shop and home use.



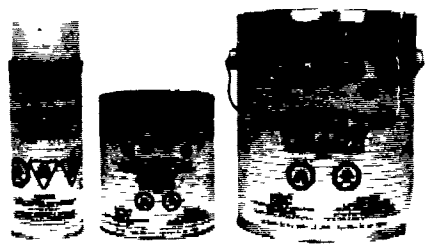
20% OFF Regular Price

Full Line Of Quality Chemicals At Competitive Prices

Frees All Rusted, Frozen Or Corroded Lugs & Bolts

POWERPART PAINT

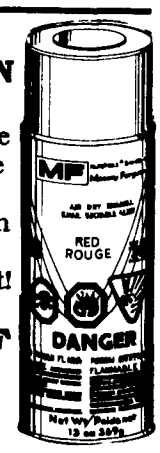
Put On A Fresh Look With Our Powerpart Paint Available In Quarts, Gallons, And Aerosol Cans.



MASSEY FERGUSON PAINT

Increases The Resale Value Of Your Machine With Massey Ferguson Paint!

20% OFF Regular Price



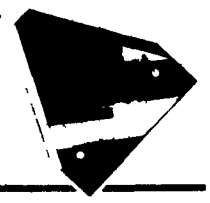
CUTTER BAR PARTS

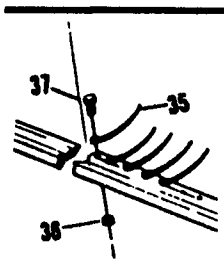
It Takes Two Sharp Edges To Cut
Combine Guards!

20% SAVINGS

CUTTER BAR PARTS & SECTIONS

Number		List	SALE
• PS112001	1053-209M1 HC	$ .79	$.63
• PS623011	1904-914M1 QC	$1.16	$ .93
• PS412132	146-503M2, Rigid	$ .75	$.60

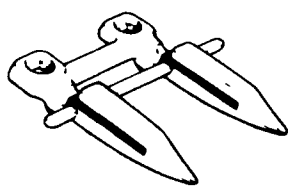




REEL TINES

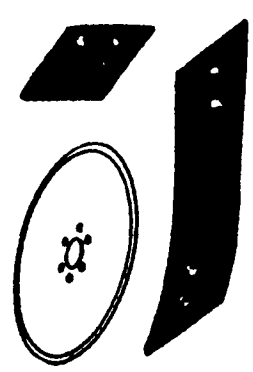
U-11-20% SAVINGS

1052-668M1	Steel Teeth	$.75	$.65
2763-064M1	Plastic Teeth	$.75	$.65



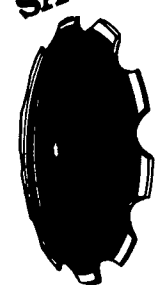
GUARDS 20% SAVINGS

		List	SALE
• 244-925M1	Floating Guard 9000	$15.67	$12.54
• BU-215A	NH Haybine	$ 7.98	$6.38
• BU-231	Floating Guard	$ 8.81	$7.05
• BC-240A	Rigid	$ 6.34	$5.07



TILLAGE DISC BLADES

20% SAVINGS



B45-2107	22"P 1/4"-1 1/4" Sq.x 1 1/2" Rd.	$33.63	$26.90
B45-2105	22"P 1/4"-1 1/2 Sq.x 13/4 Rd.	$33.63	$26.90
B45-2055	22" N 7 Ga. 1 1/4 Sq.x 1 1/2 Rd.	$23.01	$18.41
B45-2075	24"P 1/4" 1 1/2 Sq.x 13/4 Rd.	$34.09	$27.27
B45-2077	24"N 1/4" 1 1/2Sq. x 13/4 Rd.	$37.24	$29.79

ON SALE AS PER INVENTORY

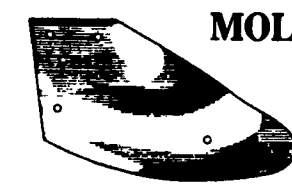
TWISTED CHISEL POINTS

- Heat treated, tumbled & varnished
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow bolts

	List	SALE
TC125R DF4995UCR...3x½ x22	List $7.95	$6.50
TC125L DF5995UCL....3x½ x22	List $7.95	$6.50

TILLAGE PARTS SALE

MOLDBOARD PLOW PARTS



Direct Shipment From Manufacturer To Us Allows For These LOW PRICES

There Is A Difference: 3 Layers Of Steel For:
• LONGER LIFE • SHOCK RESISTANT • LESS CRACKING

16 INCH 4 BOLT PLOW SHARES

	LIST	SALE
• SM475167, Share SM475167	$10.51	$8.40
• SM475715, Share SM475715	$14.19	$11.35
• SM475716, Share, SM475716	$14.65	$11.72

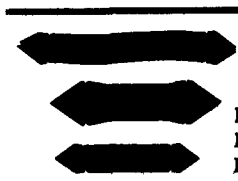
FITS MOST PLOWS

• Coverboard, SM1073613	$14.00	$11.20
• Shin, SM660020M1	$10.19	$8.15

MOLDBOARDS

• SM66001M1 14", SM660010M1	$65.85	$52.68
• SM660204M1 16", SM660204M1	$69.66	$55.73

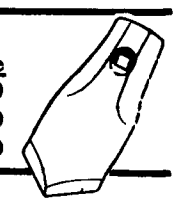
Plus The Best Warranty In The Industry!



REVERSIBLE POINTS-UNIVERSAL

	List	Sale
P57-0202 2x5/16x10½	$3.30	$2.64
P57-0204 2½ x5/16x10½	$4.41	$3.53
P57-0321 2x3/8x11½	$4.55	$3.64
P57-0966 1 3/4x¼ x11	$4.41	$3.53

DANISH TILLAGE



	List	Sale
S32-0001 1x½	$1.36	$1.09
S32-0016 1/4x2¾ "	$2.24	$1.79
S32-0017 1/4x4	$2.25	$1.80

GLENCO SOIL SAVER

	List	Sale
SOS03 Steel Point L.H.	5.57	$4.45
SOS204 Steel Point R.H.	$5.57	$4.45
SOS06 LH Moldboard	$11.89	$9.51
SOS05 RH Moldboard	$11.89	$9.51
SOS01 One Piece 4x½ x23 Chisel	$13.70	$10.96
SOS02 One Piece 4x½ x23 Chisel	$13.70	$10.96

NET WRAP

8205380 48x9840' $284.70
8205380 Pallet Lot $256.23

SONS, INC.

Phone: (717) 656-2321

Rt. 23, 1½ miles Northeast of Leola on the right side Groffdale Mennonite Church.

Discover CLAAS
THE HARVESTING SPECIALIST

Heavy Duty TA
5 year warranty
706 thru 1486
$600

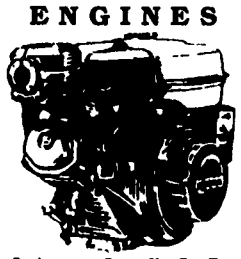
INT: 5130 4WD w/cab; 1256, 1130 4WD w/loader; 1120 4WD w/loader & mower, (2)1086 w/Cab, 1066 w/cab; 986 w/cab; 885 4WD w/loader; 856 gas, 856 w/cab, 784 w/Cab; 686; 595 4WD w/loader 585 4WD w/loader; 450;186 hydro w/cab; Hydro 70
JD (2) 4020; 2940; 2555, 4WD w/loader; MF 165, Cat Forklift; Pettibone 4x4 forklift; Ford 445A, 4WD w/loader,Bobcat 743 skid steer
Misc.: Van Dale TMR mixer wagon, 1970 IH Spreader truck (3) snowblowers, 5' to 8'

New Farmco Hay Wagons
Farmco feeders,
Tedders
Hurst Trailers

From
LEADER'S FARM EQUIPMENT
Everett, PA
814-652-2809
Closed Sundays & Mondays

All Types Of Farm Equipment
Call before you come

HONDA ENGINES



Replacement Power You Can Trust

GC160	5.0 HP	Sale Price	$195
G100	2.5 HP		$235
Gx120	4.0 HP		$285
Gx160	5.5 HP	$289 Rec. Elec.	$416
Gx200	6.5 HP		$350
Gx270	9.0 HP	$[illegible] Elec	Elec $605
Gx340	11.0 HP	$570 Rec.	Elec. $640
Gx390	13.0 HP	$570 Rec.	Elec. $680
Gx610	18 HP Tank/Muf./Rec		$1135
Gx610	18 HP F Pump/Muf./Rec./Ele		$1200
Gx620	20 HP Tank/Muf./Ele		$1295
Gx620	20 HP F Pump/Muf./Ele		$1295

6 To 1 Clutch Reduction 540 RPM $795
All Units Have Oil Alert Except 2.5 & 5.0 HP
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USED EQUIPMENT
Gleaner 6R 30 Hugger Head
Ford 2110 4WD Tractor w/Loader
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Bush Hog 2615 15' Rotary Cutter
Oliver 1855
White 2-105
White 8800 Combine
MF 4X Semi Mount Plow
White 6342 4X Rollover Plow
NI 362 Manure Spreader
(2) Grove Forage Box
Gehl Forage Box
NI 5112 Mower Conditioner
Hesston 1090 Windrower
Hesston 1160 14' Windrower
NI 484 Round Baler
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Gehl 1200 Forage Harvester
Fox 2200 Forage Harvester
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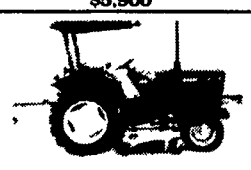
JD 5830 chopper, 4x4, Kemper head
JD 5400 chopper, 4x4
JD 3970 chopper w/ 3 row corn head
Hesston 1250 chopper, grass head, 3 row corn head
Kemper 6 row head
Kemper 4 row head
JD 6 row head
JD kernel processor
JD 3155, cab & air, 4x4
JD 2955, 4 post
JD 2755, 4x4, fender
JD 2755, 2WD
JD 2555 4x4, fender
JD 4450, cab & air, power shift 4x4
JD 2950, 4x4, fender
JD 2750, cab & air, 4x4
JD 2550, cab & air, 4x4
JD 2550, 4x4
JD 8440, 4x4
JD 4240S, cab & air, 4x4, power shift
JD 2240
JD 4430 cab air power shift
JD 4430 cab air quad range
JD 4430, 4 post, power shift
JD 4320 w/cab & air
JD 4020, '72 model, power shift
JD 4000, '72 model
IH 1486, cab & air
IH 1086 w/cab
IH 1066 hydro
White 2-105 w/cab, 4x4, 1982
White 2-105 w/cab
White 2-85
Ford TW25, 4x4
Ford TW5, 4x4
Ford 7610, 4x4
Ford 5600, 4x4
Ford 5000
AC 6140 w/loader
AC 160
JD 443 corn head
NI 325 picker w/12 roll bed
NI 324 picker w/12 roll bed
JD 260 loader
JD 640 loader
JD 245 loader
JD 48 loader
JD 148 loader

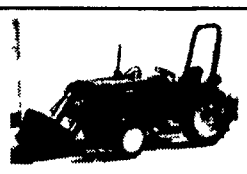
Buy, Sell, Trade

Ford 1910 w/loader 1450 hrs
$5,900

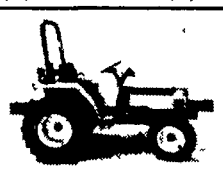
JD 2350
w/146 loader, reverser, 2650 hrs.
$10,800



JD 850
w/canopy & 72" mower, 450 hrs., clean
~~$7,250~~ reduced to $6,800



JD 750
4x4 w/ loader, 1100 hrs. nice
~~$8,750~~ reduced to $7,950



CUB CADET 7275 4x4
25 hp hydrostatic, 65 hrs., same as new
$11,800

1994 753 Bobcat 1100 hrs., Aux. Hydraulics Like New
$11,800

KUBOTA B7100 4x4
1100 hrs.
$3,900

Case 1840 Skidloader
1997 Model 280 hrs., All The Options, Same As New
$15,800

CI 5140 MAXXUM 1991
Model 2 Remotes 4,000 Hrs. Sharp
$21,900

MASSEY-FERGUSON
3090 4X4
95 hp, 2900 hrs., Nice Condition
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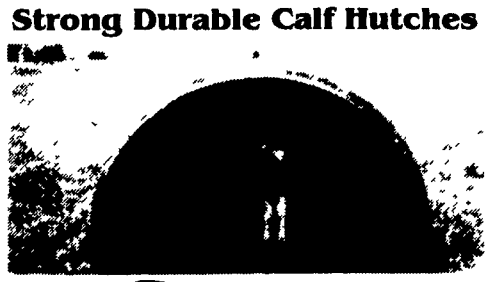

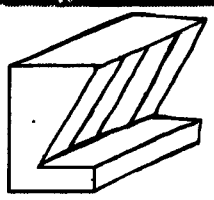

Hay & Grain Feeder Installed on Back Wall of Calf Hutch

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IH 15' Field Harrow
IH 234 w/Mower
IH 430 Blade that fits Farmall H
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IH 990 9' Mower Conditioner
Kuhn SC 300 Mower Conditioner
Kuhn GRS 25 Rake Tedder
Kuhn GF5000 17' Tedder
Mott 5' Mower
NI 555 Baler
NI 3639 Manure Spreader
Snow Blade for 184 Lowboy
Tye 7' Pasture Pleaser, 8x10 Drill
72" Manure Forks for 2250 Loader
Woods RM59 5ft. mower
Woods 72 Pull Mower
Cub Cadet 1882 w/54" Mower
Yanmar 186 w/L59 Mower

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See Next Week's Issue For Full Details

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USED TRACTORS

JD 4050, MFWD w/Loader	$35,900
JD 6400 w/640 Loader w/Comfort Guard Cab, MFWD	$36,900
JD 7700 MFWD w/Cab, PS	$59,900
JD 7700 MFWD, w/Cab, Loader	Coming In
JD 7800 MFWD	$64,900
IH 684 w/Loader	~~$15,500~~ $14,500
Oliver 1600 Narrow, Gas	~~$4,500~~ $3,500

USED HAY & FORAGE

JD 5460 Self Propelled 7' Pickup 3RN	$45,900
Richardton 1400	$4,900
JD 1600, 14', updated to 1600A	$12,900
NH 1495 S.P	$7,900
NI 5112 Mid Pivot	$7,600
Case IH 8360 Mid Pivot	$6,500
JD 1219	$4,500
NH 488	$2,900
NH 451 Sickle Bar Mower	$2,900
JD 435 w/SWPB Used 1 Season	$18,900
NH 2450 self propelled 12', low hrs	~~$31,900~~ $29,900
NH 851 round baler	$4,500
NH 853 round baler	~~$7,900~~ $6,900
JD 336 Baler w/30 Ejector	$3,500
JD 385 Round Baler	$10,900
Miller 2175 forage box	$3,500
Miller 5100 Combo box w/18 ton tandem gear	$9,500

USED TILLAGE

(2) dump stations starting at	$3,900
JD 724 Mulch Finisher w/Harrow	$7,500

USED PLANTERS

JD 7200 6 RN	CALL
JD 7200, 12RN	$32,500
JD 750 15' No-Till Drill	Coming In

USED SKID LOADERS

Bobcat 751, Low Hrs.	$15,000
(2) Bobcat 743,	Starting @ $7,500
Bobcat 450	$8,000
(2) Bobcat 753	Starting @ $10,500
Bobcat 642B	~~$8,900~~ $8,250
Case 1840, low hrs.	$15,800

NEW EQUIPMENT IN STOCK
JD 7810 Cab w/MFWD
JD 6400 w/MFWD
JD 5500 Cab w/MFWD

SPRAYERS
JD 4700 w/60' boom

HAY EQUIPMENT
JD 100 square baler
JD 328 & 348 square baler
JD 446
920, 930, 945 MOCO's
4890 Self Propelled MOCO
64 Rake

FORAGE
JD 3970
JD 3970 w/iron guard
2RN & 3RN
Miller pro 5200 forage boxes
Richardton 750

CORN PLANTERS
1750, 6RN

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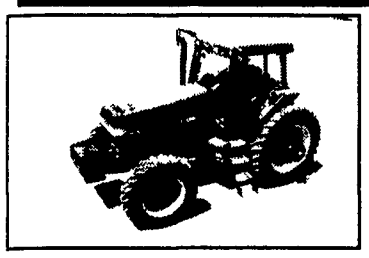
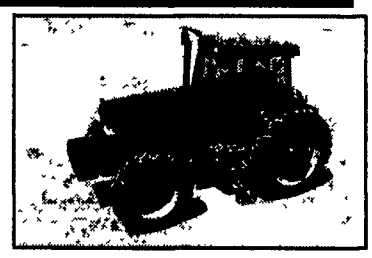
RENTAL TRACTORS



20457 (A) Case IH 8940 MFD, 96 Yr. 134 Hrs.

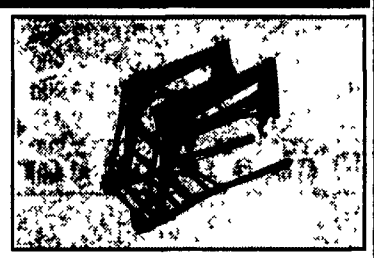


20674 (A) Case IH 8940 MFD, 97 Yr. 203 Hrs.

Unit #	Make	Model	Yr.	Hrs	Was	Sale
20387 (A)	Case IH	5230 MFD	96	498	50,535	**43,500**
20420 (A)	Case IH	5220 MFD	96	271	45,514	**42,500**
20440 (A)	Case IH	5240 MFD	96	80	50,836	**49,900**
20534 (A)	Case IH	8950 MFD	97	351	94,900	**93,400**
20599 (A)	Case IH	5250 MFD	97	252	58,881	**56,200**
20680 (A)	Case IH	MX135 MFD	97	253	61,193	**57,940**
20754 (B)	Case IH	8920 MFD	97	100	78,900	**77,401**
20824 (A)	Case IH	8920 MFD	97	26	80,400	**79,685**
20885 (A)	Case IH	8910 2WD	97	1	61,700	**61,561**
A1247 (A)	Case IH	7210 MD w/Loader	96	582	63,512	**57,900**
A1271 (C)	Case IH	5240 MFD	96	908	49,700	**47,900**

USED OTHER TRACTORS, SKID STEERS & LOADERS

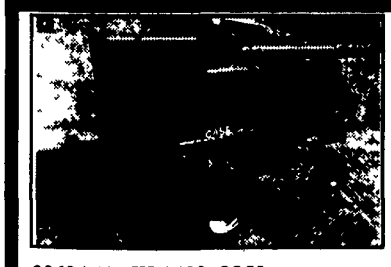
20687 Versatile 276, 86 yr, 5000 hrs. Was $30,000



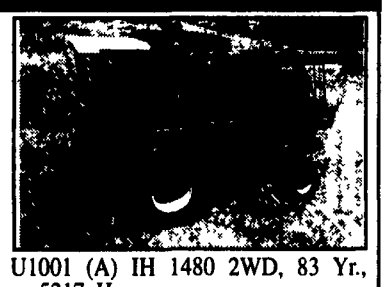
20776 (A) Case IH 710 Was $8,400 **Sale Price #8,200**

Unit #	Make	Model	Was	Sale
15197 (B)	Ford	6000		
14967 (B)	Ford 800		4,300	
20968 (A)	Case IH	710	6,500	**6,000**
21001 (A)	Case	1835 C	10,800	**9,800**
14204 (A)	Case	1845C	13,500	**13,200**

USED IH COMBINES



20624 (A) IH 1480, 85 Yr Was $39,000 **Sale $36,000**



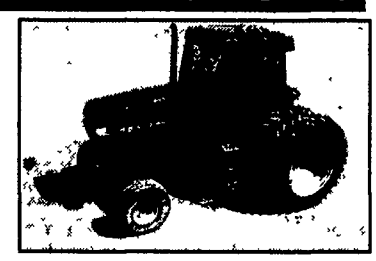
U1001 (A) IH 1480 2WD, 83 Yr., 5217 Hrs. Was $40,000 **Sale $36,000**

Unit #	Make	Model	Yr.	Hrs.	Was	Sale
U9518(A)	IH	1440		3536	$15,300	**$11,900**
30159 (C)	IH	1420	81		$26,000	**$24,000**
15098 (B)	IH	1460	84		$42,000	**$39,900**
15286 (B)	IH	1460			$25,000	**$23,000**
30220 (C)	IH	1460	82		$39,500	**$39,000**
20240 (A)	IH	1480 2WD	84	3607	$45,000	**$39,700**
12923 (B)	IH	14802WD	80		$26,000	**$19,000**
20357 (A)	IH	715			$6,900	**$5,975**
15229 (B)	IH	715			$4,400	**$3,900**
20977 (A)	IH	815	77		$5,500	**$4,900**
11050 (A)	IH	815 2WD	74	2187	$6,900	**$5,000**

USED CASE IH AND STEIGER TRACTORS

20763 (B) Case IH 7140 MFD, 92 Yr., 5058 Hrs., Was $55,000 **Sale Price $53,000**

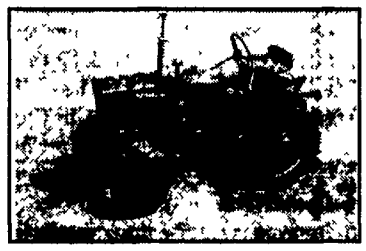
15191 (B) Case IH 5230 - 2WD 94 Yr., 1717 Hrs. Was $32,000 **Sale $30,500**



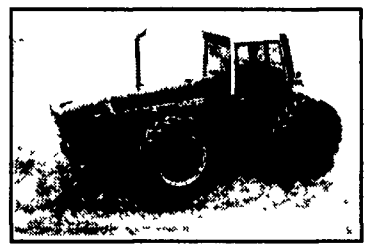
20243 (A) Case IH 7120 2WD, 92 Yr., 1784 Hrs. Was $49,500 **Sale Price $47,850**

Unit #	Make	Model	Yr.	Hrs	Was	Sale
15298 (B)	Case IH	2096	86		24,500	**23,000**
20782 (A)	Case IH	5240 MFD	96	727	48,000	**46,500**
20558 (C)	Case IH	5250 MFD	96	1349	52,500	**49,500**
1969 (A)	Case IH	585	87		15,500	**13,500**
21324 (A)	Case IH	685 MFD		1708	20,900	**19,900**
20912 (B)	Case IH	7120 MFD	88	3813	47,500	**45,000**
14283 (B)	Case IH	7120-2WD	89		51,800	**51,800**
21444 (A)	Case IH	7130 MFD	88		55,000	**52,500**
20670 (B)	Case IH	7220 MFD	95	2687	54,200	**51,500**
21394 (A)	Case IH	8920 MFD	97	418	79,900	**75,532**
21393 (C)	Case IH	8930 MFD	97	436	82,500	**79,900**
15163 (B)	Case IH	9170	89		62,000	**59,500**
14210 (B)	Steiger	320	79		29,500	**28,500**

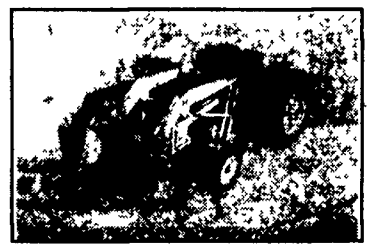
USED IH TRACTORS



20367 (A) IH 140 Was $3,250 **Sale Price $2,850**

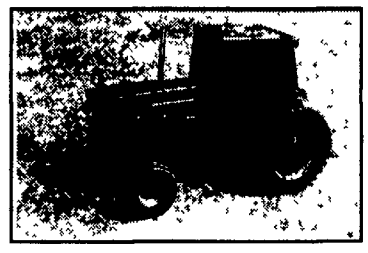


20848 (A) IH 3388, 80 Yr. Was $18,500 **Sale Price $16,950**



21305 (A) IH 424 Was $4,900 **Sale Price #4,400**

11517 (B) IH 560-2WD, 6900 Hrs. Was $4,500 **Sale Price $3,795**



20886 (A) IH 5088 2WD Was $24,900 **Sale Price $22,900**

1449(B) IH 784, 2WD, 83 Yr., 4592 Hrs. Was $13,500 **Sale Price $12,900**

Unit #	Make	Model	Yr.	Hrs.	Was	Sale
15204 (B)	IH	1466	71	3995		
21099 (C)	IH	1486			16,200	**15,500**
15203 (B)	IH	1486-2WD	79	3060	17,900	**16,900**
15223 (B)	IH	1586	77	5234	16,500	**16,000**
1823 (C)	IH	1586	79		17,200	**15,800**
30042 (C)	IH	1586	78		19,500	**19,500**
11134 (B)	IH	3588 4WD	79	4000	20,000	**18,000**
12671 (C)	IH	3688-2WD	83	4776	20,500	**18,900**
21148 (C)	IH	5288	82	5957	26,900	**23,800**
14640 (B)	IH	5488	84	4658	28,000	**27,200**
30242 (C)	IH	5488	82	3493	28,500	**27,000**
9386 (B)	IH	606	62	4353	4,800	**3,400**
30214 (C)	IH	706	64	4157	6,250	**5,300**
14976 (B)	IH	786	81	7500		
15238 (A)	IH	856		3932	9,500	**8,500**
20806 (A)	IH	966 Hydro		10,213	13,500	**12,900**

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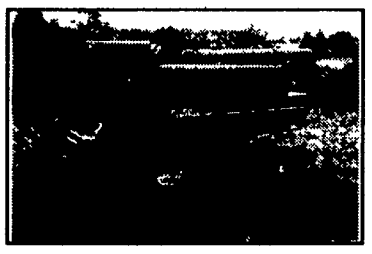
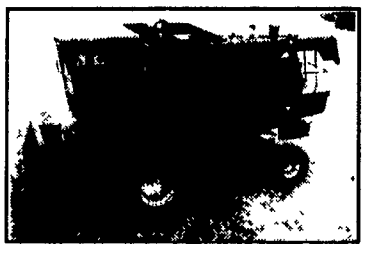
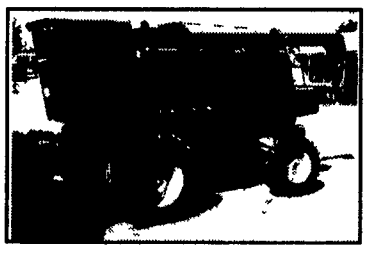


13011 (B) Case IH 1640-2 WD, Yr. 86, Price Was $47,000
Sale Price $44,500

21391 (A) Case IH 1660 Yr. 90, 1953 Hrs., Was $69,900
Sale Price $67,000

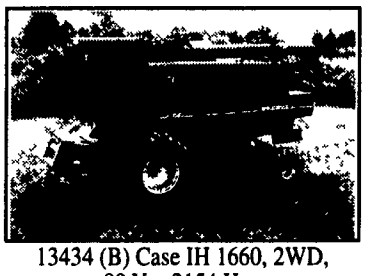


21357 (A) Case IH 1660, 88 Yr., 1952 Hrs. Was $59,000
Sale $54,000

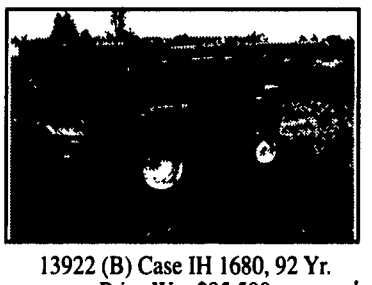


20553 (A) Case IH 1660 4WD, 89 Yr., 2747 Hrs., Price Was $71,500 **Sale Price $67,500**

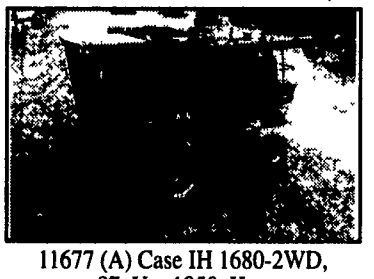
20999 (A) Case IH 1660 4WD, 91 Yr., 2000 Hrs. Was $72,500
Sale $69,500



13434 (B) Case IH 1660, 2WD, 89 Yr., 2154 Hrs. Price Was $66,000
Sale Price $59,000



13922 (B) Case IH 1680, 92 Yr. Price Was $85,500
Sale Price $77,900



11677 (A) Case IH 1680-2WD, 87 Yr., 1850 Hrs. Price Was $63,000
Sale Price $57,000

Unit #	Make	Model	Yr.	Hours	Was	Sale
20426 (A)	Case IH	1660 2WD	86	6021	45,000	**39,500**
21374 (A)	Case IH	1660 2WD	89	2078	65,000	**63,000**
20953 (A)	Case IH	1680	90			
20963 (A)	Case IH	1680 2WD	90	2279	72,000	**69,000**
13907 (B)	Case IH	1680, 4WD	90		74,000	**73,500**
15266 (B)	Case IH	2166	95	417	120,000	**117,000**
14448 (A)	Case IH	2188 4WD	96	387	141,000	**139,000**

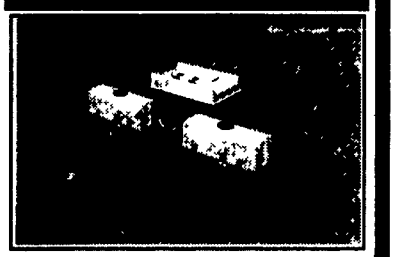
USED LANDSMANS

14501 (B) Krause 6161XT, 97 Yr. Was $22,500 **Sale $21,500**
14348 (B) Sunflower, 18', 96 Yr. Was $15,000 **Sale $14,250**
14660 (C) Krause 3112, 97 Yr. Was $7,500 **Sale $7,000**
14484 (B) Krause 3124 Was $9,800 **Sale $8,500**
14047 (B) Krause 3124A Was $15,000 **Sale $12,300**
13926 (B) Krause 3127A Was $13,500 **Sale $10,900**
15205 (B) Krause 6118 Was $19,800 **Sale $18,900**
14507 (B) Krause 6164, 94 Yr. Was $22,000 **Sale $21,000**

USED JOHN DEERE AND OTHER COMBINES

Unit #	Make	Model	Yr.	Hrs	Was	Sale
U9764 (A)	John Deere	6600	77	3046	13,500	**8,850**
U9922 (A)	John Deere	6600	76	3886	7,000	**5,250**
21442 (A)	John Deere	6600	78	3586	5,200	**4,900**
15158 (B)	John Deere	6600	74		4,400	**3,900**
U9639 (A)	John Deere	7700	77	2803	17,500	**9,975**
U9841 (A)	John Deere	7720	79	2696	30,000	**19,500**
15281 (B)	John Deere	7720	81		12,500	**11,500**
13422 (B)	John Deere	7720-2WD	80		24,300	**19,500**
13140 (C)	John Deere	7720-2WD	84		37,000	**29,900**
15295 (B)	John Deere	9500	91		71,000	**69,900**
U9184 (A)	Massey Ferg	550	80	1942	19,500	**9,875**
U1043 (A)	Allis Chal.	L2-2WD	78		17,900	**9,900**
21439 (A)	Allis Chal.	M3 2WD	83	2300	22,500	**20,000**

USED PLANTERS

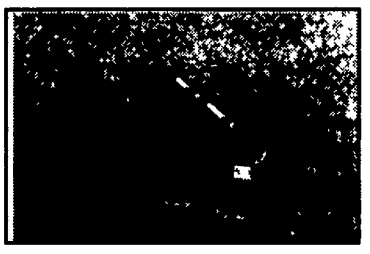


20548 (A) Case IH 900 Price Was $15,400
Sale Price $13,500

12955 (B)	Allis Chalmers	331-11R		$4,500	**$3,275**
21231 (C)	Deutz Allis	385		$4,500	**$3,900**
14494 (B)	New Idea	4RN		$5,800	**4,900**
30016 (A)	White	5400			
14708	John Deere	7000		$5,900	**$5,500**
21340	Case IH	900-6RW	90 Yr.	$9,000	**8,500**
12657 (B)	Allis Chalmers	AC 333	80 Yr.	$4,800	**$2,900**
12648 (B)	Allis Chalmers	AC 333			**$2,700**

USED DISK HARROWS

14500 (B) Krause 1966-31' Was $5,250 **Sale $5,000**



20813 (A) Krause 2242A Was $5,200 **Sale $4,975**

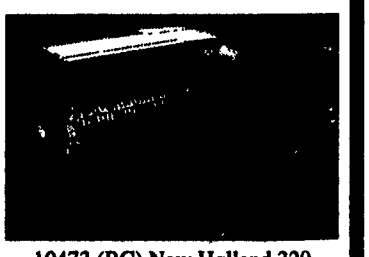
13769 (B) White 272-30.5' Price Was $4,500
Sale Price $3,750

Unit #	Make	Model	Yr.	Was	Sale
13918 (B)	Miller	20'		5,500	**3,900**
13079 (B)	Midland	20'		5,500	**3,800**
15208	John Deere	230-27'		3,900	**3,600**
T5858 (A)	Krause	2416		9,800	**2,950**
20272 (A)	Krause	2416-26'		16,000	**14,950**
13842 (B)	Krause	2442		18,900	**16,300**
13841 (B)	Krause	2442		18,900	**16,300**
15213 (B)	Krause	2442			
15024 (B)	Allis Chalmers	26'		1,800	**1,700**
14096 (B)	Krause	31'	82	9,500	**8,900**
20229 (A)	John Deere	310-12'		3,500	**2,200**
20995 (A)	Krause	3206		5,300	**5,000**
20974 (A)	Krause	3206-20'		6,900	**6,000**
13071 (B)	John Deere	330-25'		4,900	**2,900**
15141 (B)	IH	475		2,400	**2,200**
20755 (A)	IH	475-18'		5,900	**5,700**
21332 (A)	Krause	4924	84	7,900	**7,450**
20299 (A)	Krause	4927A	91	14,500	**13,300**
20760 (A)	Krause	4939-18'		13,500	**12,900**
20980 (A)	Krause	4941N	94	14,900	**14,300**
15206 (B)	Case IH	496-23'		3,300	**2,900**
15097 (B)	Case IH	496-26'		6,900	**6,500**
12860 (B)	Krause	4966		16,900	**14,900**
20657 (A)	IH	500		2,900	**2,500**

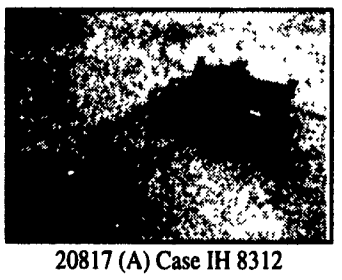
Unit #	Make	Model	Yr.	Was	Sale
21414 (C)	Massey Ferguson	510-14'		3,500	**3,100**
21413 (C)	Massey Ferguson	620-12'		2,700	**2,500**
14658 (B)	Massey Ferguson	820-25'		4,600	**4,475**
13848 (B)	Case	DOT 25'		6,900	**6,200**
14092 (B)	Case	K-23-23'		2,500	**2,200**
10096 (B)	Case	KB23		4,900	**4,500**
21343 (A)	New Holland	TD200-12'		6,000	**5,600**
20653 (C)	Krause	1480-10'8"		6,800	**6,500**
21320 (B)	Krause	1497-13'		7,150	**6,950**
13332 (B)	Pittsburgh	16'		3,200	**1,975**
14349 (B)	Pittsburgh	16'		2,500	**2,300**
21317 (A)	Krause	1740-13'			
14143 (B)	Allis Chalmers	18'		3,000	**2,750**
15239 (B)	Deutz Allis	18'		3,500	**2,900**
20942 (C)	Krause	1921		7,900	**7,000**
21345 (A)	Krause	1921-18'		9,900	**9,500**
30187 (C)	Krause	1924-21'		8,500	**7,900**
13774 (B)	Krause	1927-27'		8,200	**7,350**
15189 (B)	Krause	1956		3,200	**2,900**
9636 (B)	Krause	1966	10	13,000	**5,900**

USED HAY & FORAGE

30038 (BC) New Holland 273



10473 (BC) New Holland 320
Price Was $4,500 **Sale Price $2,675**



20817 (A) Case IH 8312

13783 (A) New Holland 499
Price Was $7,200 **Sale Price $5,900**

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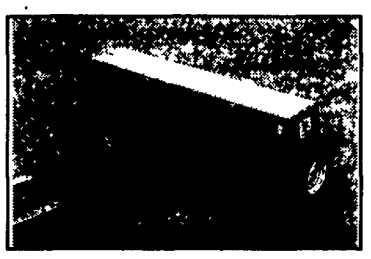
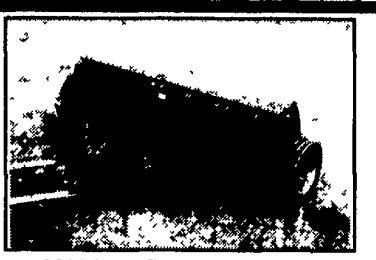


20943 (A) John Deere 8350-12'
Was $2,200 **Sale $1,850**

30039 (C) IH 16x7
Was $950



20836 (A) Case IH 5100 24x6
Was $4,900 **Sale $4,600**

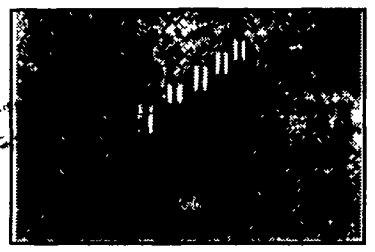
21352 Case IH 5100 24x6
Was $6,000 **Sale $5,500**

20439 (A) Great Plains 30' Conv.
Was $15,200 **Sale $14,450**

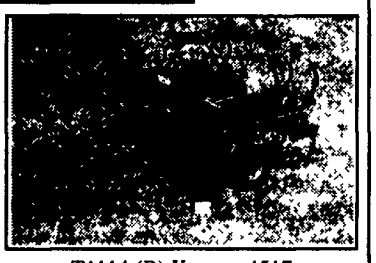
Unit #	Make	Model	Yr.	Was	Sale
14785 (B)	John Deere	8300		2,800	**$2,500**
15274 (B)	John Deere	8300		2,800	**2,500**
14504 (B)	John Deere	8300-18x7		2,900	**2,500**
20777 (A)	Lilleston	9680NT		8,500	**8,200**
12473 (B)	Case IH	CIH 5100		4,500	**3,675**
15087	Lilleston	Drill		7,500	**6,900**
V7859 (A)	Case IH	Hitch		3,750	**1,395**
20740 (A)	Houck	Twin Hitch		4,500	**3,500**
V9436 (A)	Great Plains	15'		4,150	**2,675**
30212 (C)	IH	#10		1,250	**1,100**
13915	Great Plains	15'	83	10,500	**8,000**
30017 (A)	Great Plains	15' W/CPH		27,500	**20,900**

Unit #	Make	Model	Yr.	Was	Sale
13916 (B)	Great Plains	15' CDH			**750**
15194 (B)	Great Plains	24' NT		33,000	**32,000**
13952 (B)	Great Plains	30' NT		32,000	**29,800**
14056 (B)	Case IH	5100			**3,500**
V1193 (A)	Case IH	5100 24x6		4,900	**4,250**
20439 (A)	Great Plains	30' Conv.		$15,200	**$14,450**
20710 (A)	Krause	5215		8,500	**7,900**
15033 (B)	John Deere	750	95	23,500	**22,900**
21348 (A)	John Deere	750-15' NT90		14,500	**13,900**
21318 (A)	John Deere	8250 14x7			

USED PLOWS



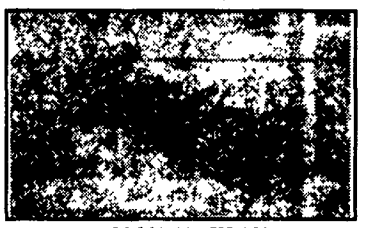
T8769 (A) IH 720 5x18
Price Was $6,500
Sale Price $3,450



T1114 (B) Krause, 4517
Price Was $12,000
Sale Price $9,975

Unit #	Make	Model	Yr.	Was	Sale
12858 (A)	Case IH	145		8,200	**7,900**
30211 (C)	IH	440		800	**750**
14205 (B)	IH	560		1,300	**1,200**
14115 (B)	IH	720		3,400	**3,200**
5404 (C)	John Deere	F1350-1450		1,800	**1,800**
T9527 (A)	IH	720		3,800	**$1,950**
20998 (A)	Brillion	12 Shank		1,650	**1,450**
14342 (B)	Sunflower	21'		4,600	**4,300**
14255 (B)	United Far	25'		3,500	**3,000**
10478 (B)	Sunflower	27		5,500	**2,500**
12862 (B)	Krause	4320A		10,500	**9,250**
20664 (A)	Krause	4515		12,000	**6,000**
15157 (B)	John Deere	Ripper		2,900	**2,500**
20048 (A)	DMI	Tiger II		9,500	**$8,500**
14032 (B)	DMI	Tiger II-7		10,500	**8,750**

USED FIELD CULTIVATORS



20661 (A) IH 12'

21268 (C) Brillion 18 Ft. Was $900 **Sale $900**

15304 (B) Wilrich 23' Was $3,200 **Sale $2,900**

14827 (B) John Deere 26' Was $5,000 **Sale $4,500**

11860 (B) Wilrich 28' Was $4,800 **Now $1,900**

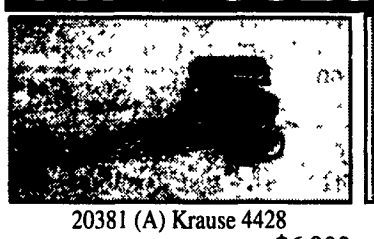
20479 (B) Wilrich 31' Was $7,500 **Now $6,350**

14502 (B) Wilrich 35' Was $5,300 **Sale $4,900**

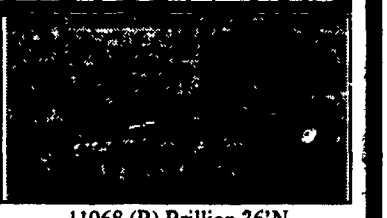
14848 (B) Brillion 6R Was $1,100 **Sale $950**

11942 (B) John Deere 6RN Was $18,50 **Now $1,275**

USED CULTIPACKERS

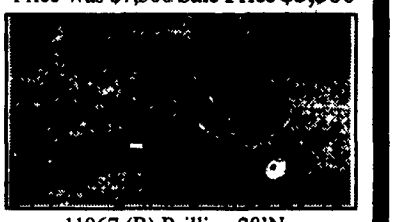


20381 (A) Krause 4428
Price Was $7,900 **Sale Price $6,900**



11968 (B) Brillion 36'N
Price Was $7,500 **Sale Price $5,500**

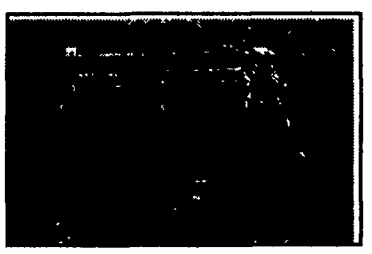
14107 (B) Brillion 32'ND
Was $7,500 **Sale $7,000**



11967 (B) Brillion 28'N
Price Was $6,500 **Sale Price $5,500**

Unit #	Make	Model	Yr.	Was	Sale
14783 (B)	Brillion	14'		$2,200	**$1,950**
21415 (C)	Brillion	16'		1,000	**800**
13160 (B)	Brillion	21' CF		4,500	
13303 (B)	Brillion	21' CF		$4,500	**$3,690**
15165 (B)	Brillion	23'			
15289 (B)	Brillion	23'		2,000	**1,750**
12851 (B)	Brillion	23'ND		$6,900	**$6,500**
15232 (B)	Unverferth	24'		4,900	**3,600**
15293 (B)	Farm Hand	25'			
14108 (B)	Brillion	25'S		3,900	
14187 (B)	Unverferth	29'		4,500	**4,200**
11935 (B)	Brillion	30'CF		2,900	**1,500**
20481 (B)	Unverferth	31'		3,500	**2,975**
11296 (B)	Unverferth	4'			

USED HAY & FORAGE



11926 (C) IH 1190
Price Was $3,500 **Sale Price $3,200**

13006 (A) Bush Hog DM80 96 Yr.
Was $4,500 **Sale $3,875**

Unit #	Make	Model	Yr.	Was	Sale
14710 (B)	New Holland	273		$2,500	**$2,300**
20823 (BA)	New Holland	278		2,500	**2,000**
20906 (BA)	New Holland	326		8,900	**8,500**
20784 (BA)	Hesston	4600		5,500	**5,200**
14960 (BC)	New Holland	575		7,900	**7,500**
14824 (BB)	New Holland	850		2,200	**1,900**
15190 (BB)	Case IH	8580			
14206 (B)	New Holland	D2000	94	39,500	**38,500**
U6970 (A)	Woods	120		2,100	**995**
21213 (C)	Schultz	10 Ft.		1,650	
13220 (B)	Brilllion	12'		$3,900	**$2,900**
12920 (B)	Rhino	15'		4,900	**3,500**
13561 (B)	John Deere	1508		3,500	**2,900**
V9289 (A)	Bush Hog	20'		5,500	**3,375**
13006 (A)	Bush Hog	DM80	96	4,500	**3,875**
30020 (A)	Landpride	FDR1548		975	
20854 (A)	Rhino	FLEX15		2,900	**2,300**
21304 (A)	John Deere	1360-9'	91	7,500	**7,500**
13775 (B)	Hesston	8200	90	11,500	**10,300**
30139 (C)	Case IH	8350		3,850	**3,500**

Unit #	Make	Model	Yr.	Was	Sale
14711 (B)	New Holland	85		975	**875**
30237 (C)	New Holland	850		2,500	
14975 (B)	Gehl 1540			2,200	**1,900**
30203 (C)	New Holland	23		300	
21212 (C)	New Holland	27		500	
20571 (A)	Hesston	7155		11,500	**10,500**
30150 (C)	New Holland	770			
13846 (C)	New Holland	900		16,500	**14,900**
20572 (A)	Dion	S45		1,650	**1,500**

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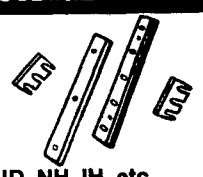
CASE IH

FORAGE KNIVES



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Waiver Of Interest Till May 1, 1998

JD 335 Round Baler, Good	$9,500
Gehl 1470 Round Baler, Good	$11,500
NH 499 Mower Conditioner	$7,500
NH 489 Mower Conditioner	$3,500
JD 1327 Moco	$5,500
JD 1209 MoCo, Good	$4,000
Gehl 2170 MoCo	$7,500
NH 489 Haybine	$4,500

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JD 955, MFWD, 1995, excellent	$14,500
JD 855 w/Mower, excellent	$15,500 - $14,500
JD 670, MFWD w/261 Mower, Excellent	$10,800

COMBINE CLEARANCE

Waiver Of Interest Till Sept 1, 1998

JD 9600	$120,000
JD 9500 Sidehill, 4WD	$106,500
JD 9500 Level Land	$78,000
JD 9500 Level Land	$76,000
JD 7720, 4WD, 1981, Good	$32,000
JD 6620 Sidehill	$23,000
JD 6600 Level Land, Good	~~$7,900~~ Cash $6,000
JD 6600 Sidehill, Good	$10,500
JD 4420, 1984, Average	$20,000
MF 750 w/Heads	$9,500
JD 216 Platform	$4,500
JD 920 Flex Platform	$9,500
(1) JD 643 Corn Head	$12,500
JD 653 Bean Head	$3,800
NI 1 Row Picker, Excellent	$3,900

GRAIN DRILLS

Waiver Of Interest Till April 1, 1998

JD 8350, 18x7 Grain Drill, Good	$2,800
JD 750 10' No-Till	$14,500
Great Plains Solid Stand 14' No Till, Good Shape	$14,900
Great Plains 24' Folding Drill	$12,500
JD 7200 4 Row Dry Planter	$11,500
JD 7200 4 Row Liquid Planter	$12,500
JD 7000 6 Row Planter	$6,000
JD 7000 4 Row Planter	$5,000
JD 1240 4 Row Planter, Excellent	$1,900
White 8x20 Planter, Good	$2,500
MF 640 4 Row Dry Planter	$1,800

TRACTORS

JD 4955, MFWD, Duals	$60,000
JD 2630 w/Loader	$10,500
JD 3155, Cab, 1,700 Hrs., Good	$36,500
JD 4030, Sharp	Coming In
JD 4430, Quad	Coming In
JD 4230 w/3 Pt. Sprayer	$15,500
Case 2294, Good	$28,000
Ford LN750 Spray Truck	Coming In

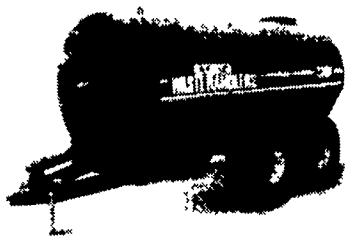
FORAGE HARVESTERS

JD 3800, Good	$3,000
Hesston 7140 Harvester w/Heads	$5,800

TILLAGE EQUIP.

(2) JD 310 Disc	$3,500/Each
Krause 19' Disc	$5,800
White 21' Disc	$2,500
JD 2500 Plow 5x18	$2,800
JD 400 Rotary Hoe	$800
Brillion 15' Basket Harrow	$3,100
NI Spreader, Excellent	$3,800
NI 12' Stalk Chopper	$2,500
JD 27 Flail Mower	$1,500
Gehl 120 Grinder Mixer	$4,800
JD 260 Loader	$1,500

1 FARM EQUIPMENT



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Rental Unit. 3 pt. Hookup
Also Lagoon Pump

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Used Tractors: Case 300 round nose $2,000; JD 6030, exc. shape, $12,500; Ford 3000 $3,500; JD 4430, SOLD shift, new paint, $12,500; IH 340 diesel, $2,200.

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Most Makes and Models Have Large Selection

Recent Arrivals: JD 4020; Ford TW 30; Oliver 77; JD B; AC 7020; JD 4230; AC 7020; IH 806; IH 856; IH 1066; AC 8010, JD 520, JD 630; IH 504; MM 335; JD 4020; JD 4520; Oliver 1855, M M 602; Case 1194; Case 1294; DB 990; DB 1410; IH 706; JD 5020; JD 4020; Oliver 1650; Oliver 1600; Oliver 77; AC WD

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for detailed information
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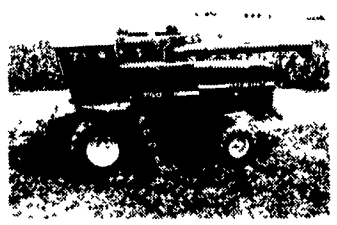
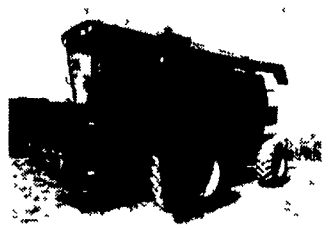
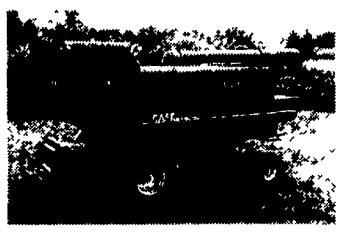


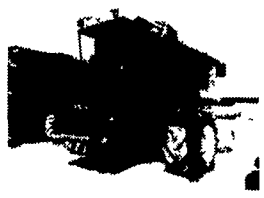
JD 7720 2WD Combine
(#13422) Was $24,300
NOW $19,500



'90 Case IH 1680
Combine 4WD 2335 hrs.
(#13907) $74,000

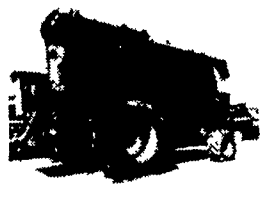


CIH 1640 2WD Combine
(#13011) Was $47,000
NOW $44,500

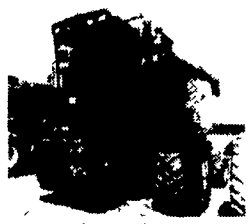


IH 1480 Combine
2WD
(#12923) $19,000

CIH 1680 Combine
Dual, 2841 Hrs.
(#13922) $81,500



CIH 1660 Combine
2WD, 2156 Hrs.
(#13434) $64,000



'87 Case IH 1680
Combine
1894 Hrs., 2WD
(#11677) $63,000

TRACTORS

Case IH 7220 MFD
Case IH 9350
Case 1394
Case 2670
CIH 9170
CIH 7120 2WD
CIH 7140 MFD
CIH 5230, 2WD
(2) CIH 1845C Skid Steer
CIH 7120 MFD
CIH 5130
CIH 495
CIH 2096
Deutz Allis 9170
Ford 6000
Ford 800
IH 1466 2WD
IH 1486
IH 3588 4WD
IH 784
IH 85 SOLD
IH 784 2WD
IH 560 w/loader
IH 3688 2WD
IH 1586 2WD
IH 5488
JD 4840

COMBINES

Case-IH 1640-2WD, 3105 hrs.
Case-IH 1660-2WD, 2156 hrs.
Case-IH 1680-4WD, 2334 hrs.
Case-IH 1680-4WD, 2841 hrs.
CIH 1680 2007 hrs.
CIH 2166 417 hrs.
CIH 2188 755 hrs.
IH 1460 2191 hrs.
IH 1480-2WD, 4414 hrs.
JD 9600
JD 9500 1495 hrs.
(2) JD 7720 2WD, 3200 hrs., 2850 hrs.

PLOWS

CIH 720 6x18 O.L.
IH 145 3x16
IH 720, 5x18
IH 560 6x16

DISCS

AC 18'
AC 26'
Case DOT 25'
Case KB23B
DA 18'
IH 475
IH 770, 21'
IH 490, 25'
JD 230 27"
JD 330, 25'
KR 1497
KR 2413
KR 4921A
KR 1956
KR 1966 31'
KR 1927 27'
KR 31'
KR 2442
MF 820 25'
Midland 20
Pittsburgh, 16'
White 272, 30

CHISEL PLOWS

IH 14-7 subsoiler
JD 1610 Chisel Plow
KR 4517 Chisel Plow
KR 4320A Chisel Plows
SF 27', SF 21' Chisel Plow
SF 21' Chisel Plow
GH 10' Chisel Plow
UFT 25' Chisel Plow
DMI Tiger II - 7 Subsoiler

DRILLS

GP 15'
(3) GP 30' NT
GP 24' NT
GP 30' Conventional
GP 20'
IH 5100
(2) JD 8300 18 x7, 24x6
JD 750, 15'
CIH 5100, 24x6
Lilliston-No Till

MISC. TILLAGE

BR 23' ND Packer
BR 14' Packer
BR 25' S Packer
BR 23' CF Packer
BR 6R Cultivator
BR 14' Cultimulcher
BR 27' N Packer
BR 28' N Packer
BR 30' CF Packer
BR 36' N Packer
BR 21' CF Packer
BR 32' ND Packer
Farmband 25' Packer
JD 6RN Cultivator
JD 26' Field Cultivator
JD 960 24' Field Cultivator
KR 6158 Landsman
KR 4434 Pa
KR 3127A Landsman
KR 3124 A Landsman
KR 6164 Landsman
KR 6161 Landsman
KR 6158 Landsman
KR 4434 Pa
KR 3127A Landsman
KR 3124 A Landsman
KR 6164 Landsman
KR 6161 Landsman
SF 18' Landsman
UM 4', 29', 31', Rolling Baskets
Vicon 21' Fld
WR 21', 28', 31', 35' Fld. Cult.

MISCELLANEOUS

Holland 2R Transplanter
(3) AC 333 Planter, 11x15
New Idea 4RN Planter
JB 300 Gal. Sprayer
CIH 8580 Baler
NH 850 Baler
NH D2000 Baler
NH 273 Baler w/thrower
NH 85 Bale Handler
NH 499 Mower-Cond.
NH 900 Chopper
IH 1190 Mower Cond.
IH 8420 Baler
Hesston 8200 Mower-Cond
Hesston 4800 Baler
JD 1508 Mower
JD 400 Rotary Hoe
JD 7000 6R Cornplanter
BR 12' Mower
Gehl 1540 Blower
NH 791 Manure Sp
BR 15' Flail Shredder

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Ford 7740, 2WD, SLE
Ford 6610 w/Bank Mower
Ford 5000, 8 spd., New Paint
Ford 5640, 2WD, cab & air, 12x12 trans.
Ford 4610 w/Loader, 1,500 Hrs.
Ford 1920, 4WD, 200 Hrs.
AC 6080, 4WD, Loader
MF 375, 4x4, Low Hrs. w/Loader
JD 750, 4WD w/Mower
JD 1030 w/Cab, Low Hrs.
JD 1530, Fresh Engine, Canopy
MF 275
NH 355 Grinder Mixer, Like New
NH 469 Haybine
(2) NH 489 Haybines
(2) NH 499 Haybines
NH 499 Mower Conditioner
Gehl 2240 Swing Tongue Mower Conditioner
NH 28 Blower
NH 27 Blower
NI 3632 Manure Spreader
NH 795 Manure Spreader
JD Hay Rake w/Dolly Whls.
NH 411 Discbine
NH 1411 Discbine
NH 570 Baler w/72 Thrower
NH 326 Baler w/Thrower
NH 320 Baler w/Thrower
1977 Chevy C70 Tow Truck, Good Cond.

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Hesston 3750 17' Rake Tedder	$4,899
Hesston 540 Round Baler	$11,299
Hesston 1320 Disc Mower Conditioner	$13,500
Hesston 4550 Square Baler	$13,499
Hesston 1120 Mower Conditioner	$9,299
Hesston S220 Manure Spreader	$4,999

Used Equipment

Case 475 Windrower, 7', Good Condition	$1,400
Morll Sickle Bar Mower	$1,499
IH 1190 mowditioner	$4,500
Little Giant 38 Elevator w/1½ hp Motor Exc Cond	$1,400
2R corn Planter	$200
Pittsburgh 12' disc excellent shape	$2,500
Int 300 8' blade w/3 pt	$450
Cub Cadet 1320, 38" Deck	$900
Cub Cadet 1450 Hydro 44" Deck, 44" Blade chains & Weights	$1,499
Cub Cadet 1864 Hydro w/PS 54" Deck 45" Snowblower Good Condition, 2 Years Old w/1 Year Warranty	$4,899
Cub Cadet 7235 Hydro 4WD	$9,200
Cub Cadet 127 Hydro w/42" deck	$1,399
1993 JD 18 hp Tractor, Water Cooled 48" Deck 48" Snowblower Bagger Excellent condition	$3,000
Cub Cadet 1715 w/46" Deck	$1,399
Cub Cadet snow blower, fits 100 series	$599
Cub Cadet Rototiller fits 100 series	$599
Ingersoll 114Y Mower w/Blade	$1,000
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Haybines,
469, 479, 489, 411
Discbine, 1495
463 Disc Mower
Forage,
1895 harvester, 770, 880 Harvester, heads; 880R2, 717N2, 890A, 890W, 822, #8 Crop Carrier

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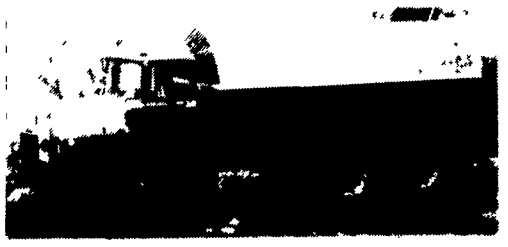

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USED EQUIPMENT

TRACTORS

	Stock #
* Case IH 8930 MFD Cab	21393
Case IH 7120 2WD Cab	20243
* Case IH 5240 MFD Cab	A1271
* Case IH 5240 MFD w/510 loader	B1439
Case IH 5250 MFD Cab	20558
* Case IH 2394 2WD w/ Cab	30273
* Case IH 2290 2WD w/ Cab	30280
Case IH 585 2WD, New Loader	1969
IH 3588 w/Cab	11134
IH 5288 w/Cab	21148
* IH 5488 W/Cab	30242
IH 3688 w/cab	12671
IH 1586 w/cab	1823
* IH 1586 w/cab	30042
IH 1486 w/cab	21099
IH 1086 w/cab	W9190
* IH 706 Diesel NFE	30214
* IH 850	30288
Farmall A w/cultivators SOLD	1948

PLANTERS & DRILLS

* Case IH Drill 24x6	V1193
* IH 5100 Grain Drill 21x7 w/ Grass Seed	9123
* IH 510 Grain Drill 16x7	30238
IH #10 Grain Drill 16x7	30039
IH #10 Grain Drill 13x7	30212
* Deutz Allis 4R 38" Planter w/ Dry Fert.	21231
Great Plains 15' no-till	30017
White 4RN Corn Planter w/dry fert.	30016

TILLAGE

DMI 3 Shank Sub Soiler 500 SOLD	20685
* IH 440 Plow 4x14	30211
IH #55 3 pt. Chisel Plow 11'	11798
John Deere F1350-F1450 5 bt. Plow 16"	5404
Brillion 18" field cultivator	21268
* Krause 1921	20942
* Krause 1924 24' disk harrow	30187
Krause 1480 10'8" offset disc	20653
* MF 620 Disk 19'	11511
MI 620 12' Disc.	21413
MI 510 14' Disc.	21414

SKID STEER LOADERS

Case 1835C Uni-Loader	21001
John Deere #575 Skid Loader SOLD	136

COMBINES & HEADS

	Stock #
* Case IH 1680 Combine SOLD	15183
* IH 1460 Combine	30220
* IH 1420 Combine	30159
* MF 850 Combine	30281
JD 7720 Combine	13140
IH 863 Cornhead	U1261
* IH 863 Cornhead	30204
IH 944 Cornhead	21216
* IH 944 Cornhead	30160
* IH 844 Cornhead	30210
* Case IH 1020 15' Platform	30171
Case IH 1020 20' Platform	30294
Case IH 1020 20' Platform	1973
* IH 820 15' Platform SOLD	30205
* IH 820 15' Platform SOLD	30221
* MF 1163 Cornhead	30282
* MF 9115 15' Platform	30283

FORAGE HARVESTING EQUIPMENT

NH 23 Forage Blower	30203
New Holland #27 Blower	21212
NH 900 Forage Harvester w/2 row cornhead	13846
NH 770 Forage Harvester w/2 heads	30150
* Gehl 1580 Forage Blower SOLD	30244

MISCELLANEOUS

Land Pride FDR 1548 mower	30020
* Schwartz Mixer Wagon	30249

HAY EQUIPMENT

Case IH 8350 12' mower conditioner	30139
IH 1190 Mower Conditioner 9 ft.	11926
NH 320 Baler w/1/4 turn chute	10473
NH 273 Baler w/thrower	30038
NH 575 Baler w/1/4 turn chute	14960
* NH 850 Round Baler	30237
* NH 411 Diskbine SOLD	30243
*JD 1209 Mower Conditioner	30258

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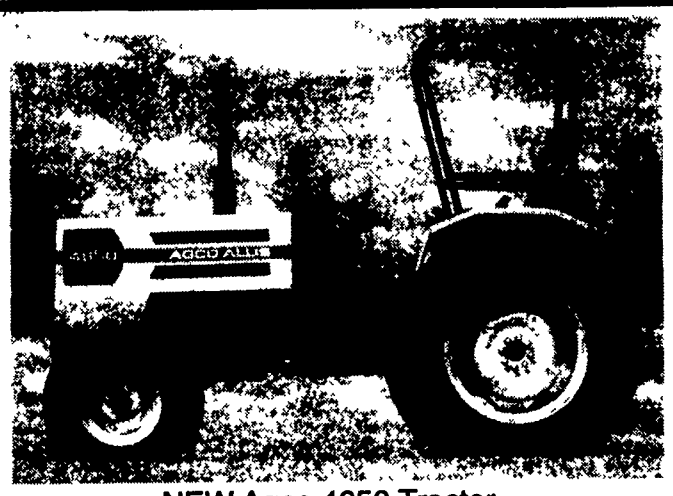

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$13,995

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- (3) 8N Fords Gas Tractor
- Mod. 601 Ford Gas
- A.C. B Gas, Tractor
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- A.C. 160 Diesel Tractor
- A.C. D-17 Diesel, Tractor SOLD nt
- A.C. D-17 Gas, Tractor Narrow Front
- A.C. 170 Gas Tractor Narrow Front
- A.C. 180 Diesel Tractor
- A.C. 180 Gas Tractor
- (2) A.C. 190 Diesel Tractor
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- A.C. 7040 Diesel Tractor
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- (2) NEW 6240 Deutz Allis Tractors, 40 HP (LEFT OVERS GOOD PRICE, LOADERS AVAILABLE)
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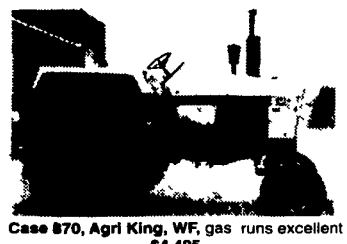

Case 870, Agri King, WF, gas runs excellent $4,495

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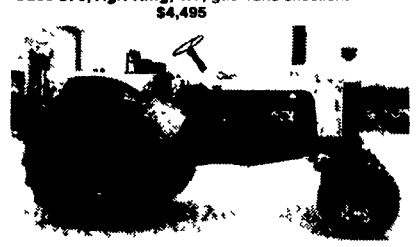

Case 930, Comfort King, Diesel, WF, 3 pt, runs great $3,995

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Int 2544 w/Loader	$6,995
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JD 430 w/60" DECK	$5,495
JD 3010 WF Dsl.	$4,995
MF 35 P/S 2 Stage	$3,495
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EQUIPMENT

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Woods 6' Pull Type mower.	$850
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Vermeer Bale Wrapper, Like New	$2,500
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JD 495A 4 Row Planter DD Openers Dry Fert, Good Condition
JD RG-4 4 Row Cultivator
Lilliston 4 Row Rotary Cultivator
Cole 7R 24" Uniplex Planter
JD/Noble 7 R 24" S-tine Cultivator
Meyers 250 Gal 3 Pt Airblast Sprayer, Like New
Smoker Gravity Wagon w/Gear
69 White Road Boss S/a 238 Detroit, 10 sp. RR, Wetline, Runs Great
JD RWA Disc, 10'
JD BWA Disc, 13'
JD 76 7700 Combine
JD 213 Flex Head
JD 444 Corn Head

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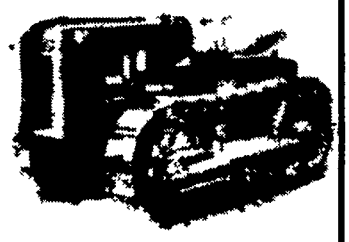

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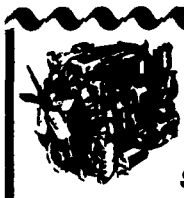

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TRACTORS

JD 7800 CHA, 2WD, PS, 1996 Model, 83 Hrs, 20.8x38 Radials, 3 Remotes, Like New, w/ Warranty....Coming In
JD 7600 w/2 Post, Power Quad, 3 Remotes, 18.4x38 Radials, 93 Hrs., LIke New....Coming In
JD 4240 CHA, QR, 1978 Model, 1-Owner, 2400 Original Hrs....Coming In
Case 1845C Skid Loader w/Cummins Engine & Hand Controls, 1500 Hrs, Excellent....$12,900
JD 4320, Side Console, Syncro, New Tires & Paint, Excellent....$13,500
JD 2520 Gas, NF, Syncro....$6,950
JD 4020 SC, Syncro, 5800 Original Hrs., Excellent....$13,900
JD 70 gas, PTO, Hydraulics, 1953 Model, Original, Good Rubber, JD WF....Call
JD 855 MFWD, Turf Tires, Valve, Like New, 115 Hrs....$13,150
Cub 154 LoBoy w/60" Mid Mower, 3 pt, PTO, Excellent....$5,250
IHC 966 BlackStripe, 18.4x38 Radials, 3900 Hrs, Excellent....$10,900
JD 3155 MFWD, CHA, Fenders, Excellent....$32,500
JD 7800 MFWD, CHA, PS, 3 Remotes, 1996 Model, 649 Hrs....$68,900
JD 575 Skid Loader, 1993 Model, 390 Hrs, Boom Hyd., Like New....$12,900
JD 4520 w/cab, 18.4x38 Tires, Nice....$11,900
IHC 1066, 18.4x38's, 3 pt, 2 PTO's, 3800 Hrs, Very Nice....$11,900
IHC 284 w/60" Woods mower, 1000 Hrs, Excellent....$6,350
JD 7210 MFWD, CHA, 800 Hrs, Warranty til 12/98, Loaded....Coming In

Lucknow TMR Mixer Dealer

JD 4255 MFWD, CHA, QR, 1520 Hrs, Excellent....Coming In
JD 4450, 2WD, CHA, PS, 18.4x42 Rubber, Excellent....Coming In

HAY & FORAGE EQUIPMENT

JD 662 Rake w/Gauge Wheel....$2,450
JD 2RW Green Head, Like New....$3,650
JD 666 6RN Forage Head....$19,800
Used JD 3940 Harvester w/Controls....$6,450
JD 2RN w/Slip Clutch....$2,850
JD 5 1/2' PU w/Slip Clutch....$1,550
JD 3RN Corn Head, Excellent....$4,950
Hesston 1150 12' Sickle Bar Mower....$4,950
JD 483 4RN Stalker Head for SP Harvester....$5,950
NH 880 Harvester w/2RW....$1,450
JD 6810 SP Harvester w/KP, Loaded, 504 Hrs., Like New....$152,900
JD 3RN Corn Head....$3,950
JD 5440 Harvester SP, 4x4, JD Dura Drum, 2850 Hrs, Excellent....$37,500
Used JD 4RN Converging Head....$10,900
NH 474 Haybine, 1-of-a-kind....$4,350
Badger Forage Wagon w/Chassis....$1,150
JD 664 Corn Head 4RN, Less than 1 Year Old, Like New....Coming In
JD 7' Grass Head, Excellent....$2,850
Richardton Model 700 Dump Wagon, Less Than 2 Years Old....Coming In
JD 40 Ejector, Excellent....$2,450
(2) NH Wide Corn Heads off of 770 Harvesters....Choice $650
JD DWA for 1209-1219 MoCo....$2,150
Gehl 1580 Blower....$1,450
JD 335 Round Baler w/Silage Kit, Double Twine & Bale Ramps, Excellent....$9,850
JD 375 Round Baler w/Silage Kit, Gauge Wheels & Green Pickup....$12,900
JD 1460 Discbine, Excellent....$9,250
JD 1470 Discbine, Excellent....$10,250
JD 260 3 pt Disc Mower, Like New....$5,250
Gehl 860 Harvester w/2RN Adj. & Pickup Head....$10,500
Hesston 8400 SP Windrower w/14' Platform, 1300 Hrs, Excellent....$29,500
Deutz Fahr Model GP220 Round Baler....$5,000
JD 1R Snapper Head....$950
NH 144 Hay Inverter....$3,150
NI 484 Baler, Excellent....$7,150
Gehl 100 Grinder Mixer, Excellent....$5,450
H 258 Rake w/Dolly Wheel & Rubber Teeth....$2,250
JD 4RW Stalker Head, Excellent....$5,450
JD Double Windrow Attachment For 1209-1219 MoCo....$1,500
JD 660 Rake, Rubber Teeth & Dolly Wheel....$2,150
JD 640 Rake w/Dolly Wheel....$1,950
NH 495 Haybine 12'....$1,950
NH 38 Flail Chopper....$2,350
Gehl 2RW Corn Head Off Of Gehl 700....$300
IHC Grass Pickup Head....$450

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IHC 510 Drill, 16 Hoe, Grass, Fertilizer, Excellent....$2,950
JD 7200 4R, Liquid, No-Till, HD Markers, Monitor, Insecticide, Planted Less Than 90 Acres, Like New....$14,900
JD 251 Pull-Type Power Till Seeder....$2,950
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JD 8200 21x7 DD, Grass Seed Attach., Excellent....$4,650
JD 8200 18x7, Single Disc, Grass Seed, Good....$3,950

TILLAGE

JD 950 Roller Harrow, 15'....Coming In
JD 1640 Plowing Disc, Needs Discs....$1,450
JD 950 10' Cultipacker....$2,550
JD 915 V-Ripper w/Springs, 5 Shank....$6,250
IHC 720 Plow, 5 Bottom, Spring Reset....$2,950
IHC 470 Disc, 18 Wing Fold....$2,450
JD 1600 12' Chisel Plow w/Gauge Wheels....$2,100
JD 712 Mulch Tiller, 11'3", Tru Depth w/Disc Blades, Like New....$7,450
JD F350 5BT 16" Hyd. Reset, Excellent....$1,850
JD F325 3X16 3pt., Hyd. Reset....$1,750
(2) JD 2500 5X Spring Reset Plows....$3,250/ea
JD 2500 5X Hyd Reset....$2,950

MISCELLANEOUS

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JD 175 Loader w/Single Lever Valve, Like New....$3,250
JD 1210A Grain Cart, 100 Bu....$3,950
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JD 245 Loader w/Ind. Valve....$4,450
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Curtis 6' Front Blade for JD 70A Loader, new....$1,500
[illegible] Loader Ind. Valve [illegible] 7000 Series....$1,250
JD 5' Sickle Bar Mower....$1,150
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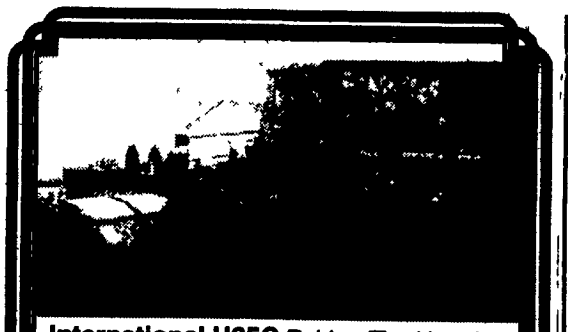

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NH 900 chopper base unit, VG knives **$4,450**
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AC 8050 4WD w/CAH 2600 hrs , new radials extra sharp
AC 7040, power shift, 7020
AC 6080 choice of 2, 6080 4WD w/cab
AC 5040
AC 190 XT, 185
AC 160 w/ldr
AC D15, D17
AC WD45, D17 Series IV Factory 3 pth w/Front End Loader
Belarus 525 4WD
Case 995 4WD w/ldr
Farmall Int 806, 786
Farmall Int 574 diesel w/ldr
Farmall Int 504 hi clearance
Farmall M, H, C, 230
Farmall Super A w/Mott mower
Farmall Super A w/Equip
Farmall 140 High Clearance w/cult
Ford 7710, sharp unit, 7610, 5610
Ford 6610 Series II 4WD w/cab
Ford 3000 gas w/ldr , 3000 w/side mount sickel bar mower
Ford 2000 gas, 2000 w/HD ldr
Ford 2110 4WD w/Cab & Front Blade
Ford 800 w/ldr, 650, 601, 335
Ford 8N's
JD B 1952 w/Factory 3 pth
JD 4020 side console
JD 4020 power shift, side console w/cab
JD 2840
JD 301 Utility
Long 560 4 WD, 460, 360
MF 2135 w/Ind ldr , gas
MF 175 Diesel w/ldr
MF 294-4 4WD w/ldr , 270, 35
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Kubota F2400 w/5' front mower
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Kubota L2950 4WD w/ldr
Kubota L355 4WD w/loader & backhoe
Kubota L 245 hi-clearance

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Grasshopper 1412 Front Mower
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Kubota G4200 Hydro, w/44" mower, excellent condition

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AC 7040, AC 7580 articulating tractor
Farmall H & 856
Ford 7700
IHC 1250 mixer mill w/scale

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Antique Road Graders - York &Adams
AC 615 Ind wheel loaders
JD 300 diesel w/loader
AC 840 loader and 840C articulating ldrs
Fiat Allis 345B payloader
Cat 930 articulated payloader, VG
Kubota KH 191 excavator demo
AC 653 Dozer
JD 450D Dozer w/6-Way Blade & Winch
Bobcat 743 Skid Steer
Gehl 4610 Skid Steer, Dsl
JD 125 dsl Skid Steer
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Ford 601

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JD 145, 148, 245
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Farmhand 817 mixer mill Like new
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JD 3800, 3950
NH 790 Chopper, 782, 900

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Corn Heads Gehl 2 row, Hesston 1, 2, 3 row, NH 1, 2, 3 Row
Assorted grain & corn heads

FLAIL CHOPPERS

NH 36 & 38's

CORN PICKERS

NI 325 wide & narrow row, 2 row pickers w/husking beds or shellers

COMBINE HEADS

AC 438, 430, 330

FORAGE BLOWERS

Gehl 1580 NH Super 23
IHC 600 NI 620 and 622
Kelly Ryan Dumping Station

FORAGE WAGONS

Dion Forage Wagon, 3 Beater w/roof, tandem Gear
Dual 5100 Side Dump
Lamco Forage Wagon w/Roof, 3 Beater
M&W Grain Wagon w/rear unload auger
Scofad Hyd Dump Silage Wagon, rear unload

SALVAGE YARD

AC:B,C,CA, G, WD, WD45, D14, D15, D17, D19, D19 w/Fac 3 Pth, 160, 170, 180, 185, 190, 200, 200 bad motor, exc trans, 5040, 5050 4WD, 6080, 7010 Power Shift, 7040
CASE Vac, SC, 530, 530 TLB
Fahr tedder KH500, KH 40
FARMALL Cub, A, C, H, M, M WFE, 100, 200, 300, 400, 460, 504, 560, 656, 706, Farmall 806 Diesel, 856
Cub-Low-Boy
FORD 8N, 9N, NAA, 600, 800, 2000, 3000, 4000, Ford 4000 Selecto-Speed, 5000, 5000 Dsl late model, Jubilee
Fordson Major
Gleaner F Dsl Combine
IH 300 Utility w/ldr, Hoe, PS 606 gas, 826
INDUSTRIAL AC H3, HD4, 650, 652 Dozer - Outside Push Frame, Case 555 trans & differential assembly, JD 40 Crawler, 450 crawler w/4 in 1 bucket, IH T6 Track Dozer - Bad Motor
JD A, B, JD M Rollover, MT, 50, 60, 70, 620, 630, 720, 730 Diesel Pony Motor & Power Steering 2010, 2010 WFE, 2020; Utility Front End and Row Crop WFE for 3010, 3020, 4010 & 4020, 4520 power shift, 3020 w/ldr, early model,
JD 3010 running diesel motor
MF 20, 30, 35, 65, 85, 165, 175
MF 35 Diesel, 90 Diesel
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NH 411 Discbine, good rolls
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E-ZFlow 220 w/grain wagon
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M & W's
New Pequea Feeder Wagons

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Agri Metal Bedding chopper
Alamo versa boom mower
American 3 pth wood splitter
Assorted 5', 6', & 7' Pull Type Rotary Mowers
Badger 3 pt hyd driven tree weeder
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Crown rotary reel rock picker
Dual Wheels In Various Sizes
Dynavent 3 Pt bale chopper
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Fertilizer Auger for Gravity Bin
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Harv white top silo, 20x32 w/unldr , torn down, ready to load
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JD 30 2 row potato diggers
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MC 3 Pth Lawn Genie pick up mower
McMillen hyd drive post hole digger
NI double spinner fertilizer spreader
NI 6 & 10 ft lime & fert spreaders
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Shaver post pounder 3 pt
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3 of 3 Pth tree planters
3pt rear scraper blade assorted sizes
3 pt hyd drive post hole digger
4'-20' Gates
36" hay dryer fan 5 hp electric
50+ Assorted sickle bar mowers, 3pth fast hitch mounted & trailer

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AC4X monoframe hyd reset 16" btm
Brillion 3 shank spring loaded
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Int 720 5x 16" btm on-land hitch
Int 720 6x 18" btm w/side hill hitch
Int 710 6x18" btm w/side hill hitch
Int 700 6x16" btm
Int 450 3 Pt reset 4X
JD 3600 5X, trailer hitch, var width
JD 2600 5X reset plow
Kverneland 3 bottom & 4 bottom 3 pth reset plow

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Brillion 8 & 9 shank - very sharp
Brillion 3 shank spring loaded
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Assorted 3 pt Hitch Disc Harrows
Athens 7' offset disc
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Bush Hog 13 ft tandem
JD BWA 12 ft tandem
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Glencoe 3 shank deep tillage soilsaver w/walking beam
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2,4 & 6 Row Cultivators

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NI 5209 Discbine
NI 270 cutditioner
JD 1219 mow/cond
JD 1326 discbine

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Grimm PTO Tedders
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NH 845, 630
NI 4845 round baler, bales w/twine or net wrap
NI 483, 484

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NH 273 w/Thrower, 282, 310 w/Thrower
NH 311 & 315 w/throwers

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New assorted 18 steel-sided racks w/running gears 20' steel sided bale rack w/tandem running gear
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Assorted Basin & Lagoon Liquid Manure Pumps
Gehl 524 tandem slurry spreader, 425 tandem axle box spreader, 309 Scavenger
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Martin Equalizer Manure Loader
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NH 327 spreader
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NI 17A, 206, 213, 214, 243
NI 218 tandem spreader w/upper beater & hyd tailgate
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NH L250 Skid Loader, 120 hrs.
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NH 456 Mower
NH 489 Haybine
NH 565 Engine Baler
NH 770 Pick-Up Head
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Grimm 9' tedder
Richie Hog Waterer
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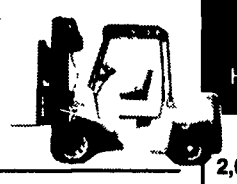
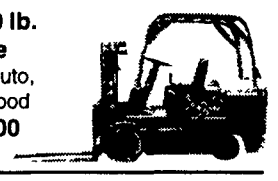
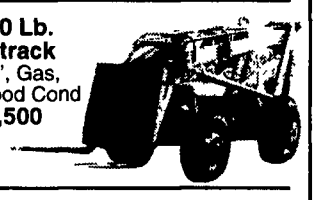


6,000 lb. Hyster
3 Stg , S/S, Low Hrs , V Good
'88 Dsl., '86 Gas
$10,000/Ea.

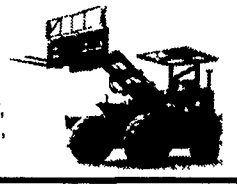


10,000 lb. Yale
LPG, Auto, very good
$6,500



7000 Lb. Skytrack
to 30', Gas, Very Good Cond
$6,500

10,000 Lb. Towmotor
Gas, Dual Tire Good Cond
$6,000



12,000 Lb. Cap.
4WD & Steer, Detroit diesel,
$12,500

PNEUMATICS (AIR TIRE)

2,000 lb. Hyster 3 Wheel Gas, Old Classic, Good & Straight.....$2,100
4,000 lb. Towmotor, old & running, 11' Lift.....$2,000
5,000 lb. AC, 11' lift, LPG, auto.....$4,500
6,000 lb. Cat LPG, 3-Stage, VG, S/S.....$7,000
8,000 lb. Toyota, dual tire, LPG, v.good, 11' Lift.....$8,000
12,000 lb. Hyster H120C, 15' lift.....$8,500
15,000 lb. Hyster H150, 18' lift, w/solid pneum. tires.....$12,000
16,000 lb. Loed 19' shoot boom, needs work.....$2,500

SOLID TIRE

2,000 lb. Clark, 9', gas.....$1,500
2,000 lb. Tow Motor 9'. LPG.....$2,000
3,000 lb. AC, 11', LPG, auto.....$3,000
3,000 lb. AC, 9' LPG.....$2,750
5,000 lb. A/C, LPG, 3 Stage, Very Good Cond.....$5,000
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9,000 lb. Cat, LPG, Hydro Trans,V.G. Cond.....$8,500
15,000 lb. Hyster, LPG, riggers special.....$19,000

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3,000 lb. Raymond Order Picker, 3 Stage, 500 hours.....$7,500
3,000 lb. Raymond, swing reach, 16' Lift, 2,200 hrs.....$7,500
3,000 lb. Yale Reach Truck, 3 Stage, Low Hrs., VG Cond.....$6,000

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Arc welder, Hobart, diesel, 350 AMP w/wire feeder attach.....$4,000
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Press, Bliss, 45 ton, 3" stroke.....$3,000
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Tube bender, 1½", Clarke & Lewis.....$7,500

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USED TRACTORS

JD 7700 MFWD, cab & air, power quad, sharp
JD 4455, MFWD, cab & air, PS
JD 3255, MFWD, cab & air, 1,400 hrs.
JD 2555, MFWD, 1,200 hrs.
JD 2555, hi-low, sharp
JD 4850, MFWD, cab & air, sharp
JD 4450, MFWD, cab & air, sharp
JD 4250, cab & air, power shift, MFWD
JD 4250, quad, cab, air, duals
JD 4840, cab & air w/duals, excellent
JD 4640, cab & air
JD 4240, no cab
JD 4240, cab & air, quad
JD 2940
JD 2840, excellent
JD 4430, cab, air, quad range
JD 4230, fender
JD 2640, 1,500 original hrs
JD 2750, MFWD, 13 6x46 rear tires, 13 6x38 front w/creeper
JD 2355, 4WD
JD 2155
JD 2150
JD 4620, powershift
JD 4620, syncro
JD 4320 w/cab
JD 4020, diesel, syncro
JD 4020, side console, sharp
JD 4010, diesel
JD 3020, gas, WF
JD 3020, WF
JD 970, 4WD, 60 hrs
IH 2444
IH 1586, cab & air
IH 1066
IH 986, cab air
IH 966
IH 544, gas
IH 504, diesel
Case 730, gas
MF 135
MF 35, power steering

LOADER TRACTORS

JD 4040, quad range, 4 post, 1,300 hrs w/148 ldr
JD 4010 w/new Bush Hog 2845 ldr
JD 2840 w/loader
MF 1085 w/loader
Case IH 885 w/2250 loader
IH 966 w/IH 2350 ldr.r

INDUSTRIAL

Ford CL45 diesel skid loader
Ford 340 w/loader, sharp
MF forklift w/Perkins diesel, side shift
Gehl 4625 skid loader, 160 hrs, like new

USED PLOWS

IH Conservtill 10'
IH 710 6 btm spring reset
JD 2500 5 btm. 18" spring reset

Collector's Tractors

JD 70, diesel SOLD F, 3 pt. hitch
JD B

USED COMBINES

444 JD corn heads
JD 444 oil bath corn head, like new
JD 643 corn head
JD 443 corn head
JD 215 flex head
JD 6620, Hydro, 1983
JD 3300 w/2 row head

HAY EQUIPMENT

JD 336 baler w/thrower
JD 346 wire baler
JD 347 wire baler
JD 347 twine baler
NH 316 baler w/thrower
NH 320 baler
NH 630 round baler
NH 849 auto wrap round baler, sharp
NH Rake
JD 1217 haybine, sharp
NH 489 haybine
NH 488 haybine
NH 1033 stack wagon

MISCELLANEOUS

NI 2 Row Narrow Picker, 12 Roll Bed
(3) Gravity Wagons
Gehl 7190 feeder wagon
Bush Hog 15' Batwing mower, demo
Gehl 800 recutter
IH 3800, hyd fold disc, 20', rockflex, excellent
Taylorway 25' disc
JD 330 disc, 21'
Kawanee 8' or 10' disc-chisel
Glenco soil finisher, 12'
18' IH field cultivator, hyd. fold
Great Plains 10' No Till Drill, excellent
IH 2350 Loader
JD 58 loader
Arps 105 3 pt hitch backhoe, 10'
Wil Rich 13' field cultivator, walking tandem
Brillion 5 Shank V-ripper
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'85 GMC C-7000
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Grain Truck w/Dump, 10.00x20 Tires, 2 Spd. Rear, Very Good

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JD 9600 1994 4WD w/duals 355 Sep. hrs.
JD 9600 1990 4WD
JD 9600 1995 4WD w/Green Star, JD 930 Tilt Cutter Bar, JD 893 Corn Head
JD 9600 1996 4WD w/275 Sep. Hrs.
JD 9500 1996, 4WD, Low Hrs.
JD 9500 1991, 920 Flex Cutter Bar, 643 Corn Head
JD 9400 w/920 Cutter Bar, 1989
JD 9400 1996, Low Hrs.
JD 8820 w/220 Platform
JD 893 Corn Head
JD 643 Corn Head
JD 224 Flex Cutter Bar
JD 220 Cutter Bar

TRACTORS

JD 8870 1996 4WD, 700 Hours
JD 7400 2WD Power Quad 644 Hrs.
JD 4630 w/Duals
JD 8400 1996 MFWD 622 hrs.
JD 2240 Diesel w/ 175 Loader
JD 970 w/Front Whl. Assist & 440 Loader

IN STOCK

JD 8100 JD 9200 JD 8400

DRILLS & PLANTERS

JD 7200 16R Front Fold Vacuum Liq. Fert.
JD 7000 12R Planter, Front Fold Liq. Fert., Insect. Monitor
JD 7000 8R Planter, Liq. Fert.
JD 7000 6R Planter Dry Fert., Insect. Monitors
JD 7000 6R Planter Dry Fert.
IH 800 6R Planter, Liq. Fert.
JD 750 15' No Till Drill
JD 7R Soybean Splitter

NEW SPECIAL

JD 1780 23 Row Max Emerge II

MISCELLANEOUS

JD RM8 Cultivator
Woods 214 Rotary Cutter
JD 215 Disc Harrow, 14'
JD 660 Rotary Tiller
Woods 20' Batwing Mower
Woods P990 Mower, Like New
JD 900 5 Shank Ripper
JD 201 Implement Trailer
JD 622 Gator

COMBINES & HEADS

JD 8820, 1978, 4WD
JD 7720 II, 1986, 1,400 Hrs., Very Clean
JD 6600 1978 JD 643 CH, w/poly corn snouts
JD 1243 Corn Head, 12 Row
JD 843 Corn Head
JD 444 Corn Head

TRACTORS

1993 JD 7400 w/740 SOLD 00 Hrs., Like New
JD 850, 2WD w/Loader
Belarus 505, Excellent Condition
Case IH 395 w/Loa SOLD

DRILLS & PLANTERS

(2) IH 5100 Grain Drill w/dual hitch
'94 JD 750 No-Till Drill SOLD
Great Plains 14' No Till Drill w/Coulter Cart

IN STOCK TRACTORS

JD 8100
(2) JD 7810

MISCELLANEOUS

JD 215 14' Disk
JD 310 14' Disk
JD 235 Disk Harrow, 20'
IH 6 Row Cultivator
Krause 15' Landsmen

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USED TRACTORS

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- 1985 AC 8070, MFD, rebuilt power shift, fresh paint, 38" tires w/duals & weights
- Case 1594, cab & air, PS, fresh engine & trans., new paint
- Case IH Maxxum 5130, MFD, power shift, cab, air, 4400 hrs., very nice cond.1 avail. w/38" or 46" tires
- 1985 AC Model 8010, MFD, power shift, 16x38 tires & weights
- 1982 IH 5488, 2WD, 20x38 tires, cab, air, very good cond.
- IH 186 Hydro, cab, air, fresh paint, rebuilt hydro, very nice cond.
- IH 1066 Hydro, fresh paint, rebuilt engine
- IH 1066 black stripe, cab, air
- IH 1486 cab [redacted] T/A, very nice
- IH 966 cab, black stripe w/fresh T/A
- IH 1086 cab, air, red power, very clean
- IH 4100 cab tractor, very nice condition
- JD 2950 ROPS, 2WD
- JD 401B tractor w/grader frame & power broom
- Field Queen 1974 side dump Detroit powered harvester, reconditionded, available with hay pickup, silage head & snapping head
- **Hy-Crops:** Farmall F-30

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Just added to our inventory (2) JD 8630 fully equiped; 4020, 3020. IH 856, 1466, 706 hi-crop. Parts only.

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"We feed a total of 140 head with 52 milking. Before our **Knight Reel Auggie,** feeding a TMR took us 1½ hours twice a day Now each feeding takes approximately ½ hour."

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Brabantdale Farms – Narvan, Ontario, Canada

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Wayne and Bradley Beidel
Beidel Brothers – Newbury, Pennsylvania

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- VD Lagoon Pump, Demo
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- Water pump w/Honda Engine, set up for propane.
- 285 Henke, portable
- 3300 VD Slinger Tank
- VD Slinger Spreader, 3300 gal. tank
- 3 pt. Lagoon Pump, Rent or Sale
- Heavy Duty Post Driver
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Best Buys in Used Equipment

TRACTORS

Case IH 7110, MFD w/Creeper... (O)
Case IH 7110 MFD, 4680 Hrs. (O)
Case IH 255, 4WD w/Loader (N)
IH 5288 (O)
IH 2404 w/90" cutter... (O)
IH 1086 (O)
IH 1066, Cab. Coming In (B)
IH 986 w/Cab (N)
IH 966 w/Cab (N)
IH 706, gas, 3 pt. (N)
JD 2955 (O)
Ford TW10, Open Station,4,400 hrs. Discounted! (O)
Ford 1100, 4WD w/ rear mower & snowblower (N)
Kubota B7200, 4WD w/Loader, Hydro... (N)
Kubota B7100, 4WD. (O)
Gehl 3610 Skid Loader. (O)
Case 1816 Skid Loader. (O)
Case IH 510 Loader... Coming In (B)

HAY & FORAGE

Coming In...Case IH 8850 SP Mower Conditioner
Case IH 8840 SP Mower Conditioner
Gehl 2140 7' Mower Conditioner, Real Nice... (O)
JD 350 Sickle Bar Mower... (O)
IH 1190 Mower Conditioner ...(B)
IH 3104 Disc Mower (N)
NH 489 Haybine.. (N)
Gehl 600 Harvester ...$500 (O)
Gehl 418 Wheel Rake... (N)
Gehl 408 Wheel Rake, Tow Type (O)
Pequea 710 Tedder. (O)
Kuhn 452 Tedder .. (N)
Hesston 530 Round Baler.. (N)
NI 4845 Round Baler ... (N)
NH 489 (O)

MISCELLANEOUS

Hardi TR600 Trailer Sprayer, Air Blast. ...(N)
Hardi TR500 Sprayer, 45' Hyd. Boom, 361 Pump & Triplets.. Coming In (N)
Hardi 500 Gal. Sprayer, 45' Manual Boom. ~~$5,000~~ $4,500 (B)
AC 500 4 Row 30" Corn Planter... $800 (B)
IH 56 Corn Planter, 4 Row... Coming In (B)
(2) 150 Gallon Saddle Tanks .... $350 (N)
NH 355 Grinder Mixer, Like New Priced To Sell. (O)
Loftness 962H Snowblower. (O)

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Case IH 2144, 481 Hrs., Excellent Cond.....(O)
N H TR70 w/ Hydro, Ford Engine, 5000 Hrs , 962 6 Row Corn Head, 960 15 Ft Head $11,000.(N)
~~(2)~~(1) IH 1660, Real Nice. (O)
IH 1640 (O)
~~(2)~~(1) IH 1460, Nice Condition (O)
MF 550 w/4 Row Corn Head, 13' Grain Head Coming In (B)
IH 93 w/Grain Head Call (N)

USED TILLAGE EQUIPMENT

Perfecta II, 11'... (O)
JD 950 Roller Harrow, 12'... (O)
IH 4300 Field Cultivator, 22'... (O)
IH 140 3-16" Roll Over Plow ... (N)
IH 450 4 Bottom, Auto Reset $2,800 (O)
JD 450 5-18" Plow... (N)
Ford 145 4-16" Roll Over Plow.. (N)
Howse 3 Pt 14" 1 Btm Plow (B)
Athens 3 Pt. 10 Tooth, Chisel Plow ...(B)
IH 181 Rotary Hoe... (N)
IH 53, 3 Pt. 4 Row Cultivator. (N)
Case IH 183 4 Row Cultivator ... (B)

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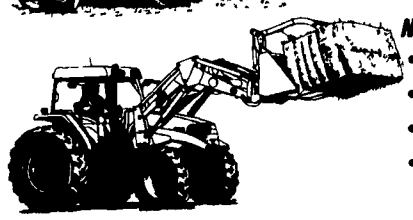

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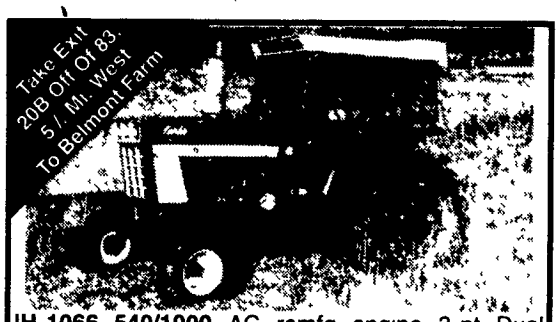

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- White 6085 AWD w/ROPS
- Agco Allis 9635, AWD
- Agco Allis 8775, AWD

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•Deutz Allis 6240, 2 WD, w/Loader
•Oliver 1750 WFE

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•Agco Allis 9630, 2WD, 1100 hrs, ex. cond.
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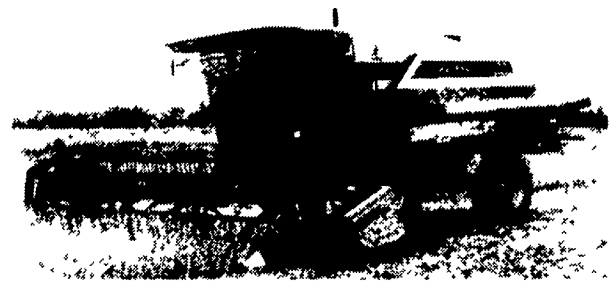

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- Gleaner F2 With Two Heads
- Gleaner L with 15 Ft. Rigid Platform
- Gleaner M2 w/315 Flex-Head & 630 Corn Head
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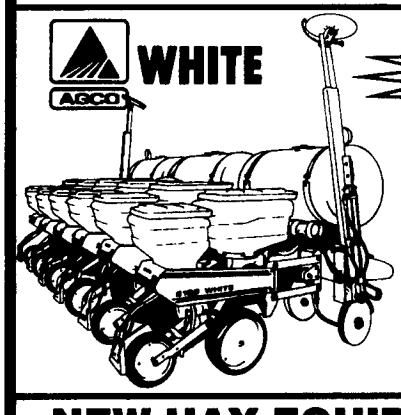

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White 6 Row Narrow Planters

USED PLANTERS
- White 5100 6 Row w/Liquid Fertilizer
- IH 800-6 Row Air Planter
- Krause 5200 No Till Drill
- Deutz Allis 385 6 Row Planter

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- Hesston 4755 Mid-Size Baler
- Hesston 4570 - Small Square Baler w/Thrower
- Hesston 3972 Bi-Fold Rake - 8 Wheels
- Hesston 1340 Center Pivot Disc Mower
- Hesston 1160 Center Pivot Sickle Bar Disc Mower/Conditioner

USED HAY EQUIP.

- NH 489 Haybine
- Hesston 4570, Sm. Sq Baler w/Thrower
- Hesston 1160
- NH 499 Mower/Cond.
- Vicon KM321

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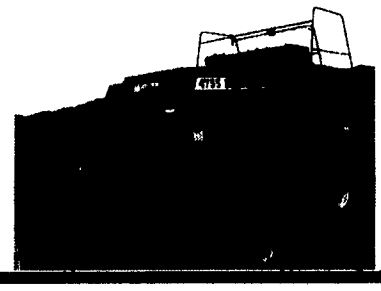

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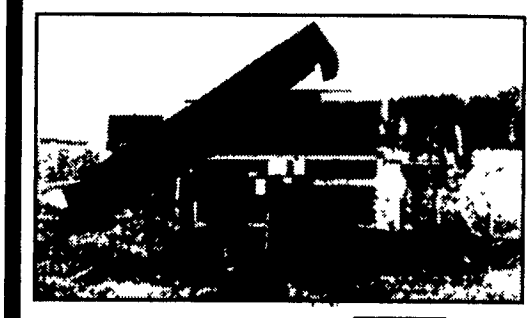

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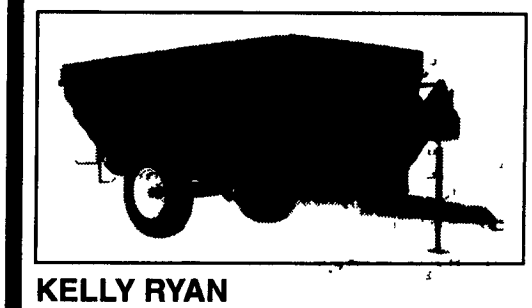

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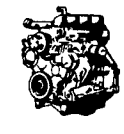

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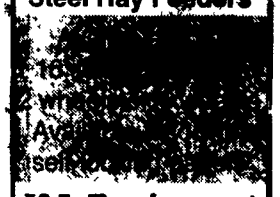
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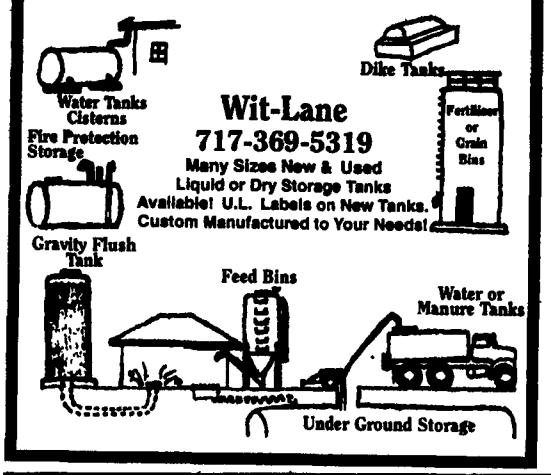

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Engine Rebuilt, Hydro Rebuilt

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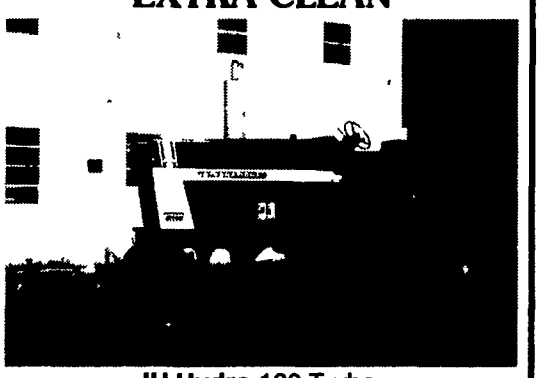

IH Hydro 100 Turbo
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Tractors

JD 4255 power shift, cab, air, 2WD, very nice
JD 2955 cab, air, MFW, 2318 hrs., 1-owner
JD 2955 ca**SOLD**wner, nice
JD 4650 MFWD, cab, air, power shift, duals
JD 4450 cab, air, power shift, MFWD. duals, nice
JD 2550 factory cab, air, very nice, 1-owner
JD 2350 hi-lo indpt, PTO, 3000 hrs.
JD 4640 SGB, quad, duals, 4100 hrs., very nice
(2) JD 4440 cab, air, quad, 20" rubber
JD 4240, 1982, quad w/year-a-cab & air
JD 2440 w/146 loader, nice
JD 2240 w/hi-low, indpt. PTO, 38" rubber
JD 4230 cab, air, quad, nice
JD 4020 diesel, Syncro, WF, dual hyd., very sharp
JD 2510 gas, WF, 3pt, very nice
Case IH 7210, 1995 model, MFWD, 42" rubber, 965 hours
1994 Case IH 5240, cab, power shift, MFWD, 1000 hrs , very nice
Case IH 5240 Maxxum, MFWD, cab, air, power shift, 2364 hrs.
Case IH 5140, MFWD, power shift, cab
Case IH 5130, cab, air
IH 86 Hydro, WF, 3pt., 2-post ROPS w/rebuilt hydro
IH 784 year-a-round cab & air, 302 original hrs , 15.5x38 tires, w/adjustable axles, like new
IH 1486 cab, air, 20" rubber w/duals, dual PTO's & hydraulics
IH 1486 cab, air, 1-owner
IH 1086 cab, air, new T/A, very nice
IH 1086 cab, air, nice original
IH 986 cab, air, nice
IH 886 cab, air, 3400 hrs.
IH 886 factory cab, air, w/German engine, very sharp & original
IH 886 factory cab, air, local trade, reasonable, fair cond
IH 1468 cab, air, 3200 hrs.
IH 1466 black stripe, fend**SOLD**w/rebuilt engine
IIH 1066 w/year-a-round cab, 4100 hrs , nice & original
IH 1066 factory cab,New T/A, nice cond
IH 966, very nice w/year-a-round cab
IH 766 fender tractor, new T/A & clutch
IH 766 fender tractor, new T/A & clutch, sharp
IH 1456 fender tractor, recent engine & TA
IH 826 WF, 3pt, very nice
Farmall 340 gas, NF, fast hitch
White 2-85 cab, air, 2940 hours., 1-owner
White 2-70 diesel, 1800 hrs., 1-owner, 13-6x38 tires
Ford 800, good cond.

1995 Kubota L35 loader w/backhoe, model BT900, 3pt, PTO, 521 hrs. Industrial Grade

Combines (Shed Kept)

1990 JD 9500 combine, very nice
1982 JD 6620 level land, turbo hydro, 2300 hrs.
1982, JD 6620, dial-a-matic, turbo, hydro, 28/L Tires, reverse feeder, very nice cond.
JD 6600 diesel, air, hydro, 23" tires, nice cond.
1979 JD 4400 diesel, air, heavy final, 2040 hrs.,
1977 JD 4400 diesel, air, very nice
1991 Case IH 1660 axial flow, Cummins, 1524 hrs nice, w/1063, 6RN
Case IH 1640, 1260 hrs., 1990 Model, Cummins & Specialty rotor, very nice
NI 705D w/737 Husker quickattach **SOLD**

Heads

MF 1143 4RN, good,
(2) JD 643's hi tin, lo tin
JD 444, 4RW; JD 443 4RN
JD 213, 215, flex heads, very nice
IH 820 flex head 15', nice
IH 810, 13' grain head, nice condition

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New Koyker Quick Attach Loaders For most JD & IH Farm Tractors
Case 1840 skid steer, nice cond
Case 1835C diesel skid steer, nice
JD 27 stalk chopper, 6R, very nice
IH 40 stalk chopper
JD 146 loader for JD utility tractor
Dunham Lehr loader, off IH 06 thru 66 tractors
JD TWA 13'6", good cond
Miller 12' off-set, 3-bar frame
Kewanee wingfold disc, 19' rock flex
JD 435 round baler, very nice condition
JD 336 baler w/ejector, nice
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Glenco 7 shank soil saver
IH #55 13 shank mounted chisel
Kewanee 7 shank 3 pt. mounted chisle
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JD 510B-1984-ROPS-Std.	$18,500
Case 680H, 1981 Cab	$18,900
JCB1400B Standard-1989-Cab	$19,500
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JD 710C 1989-Cab-Std.-As Is	$23,500
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Ford 545 Tractor loader-4x4, Cab, 1986	$24,500
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Ford 575D, 1993 4x4, E-Hoe-Cab-Air	$34,500
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Cat 110B Cab/Air, 2,250 Hrs., 1989	$39,500
Hitachi EX120, 1990, 3600 Hrs	$44,500
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SKID LOADERS

JD 675B, 1988	$10,500
JD 675B, 1993	$12,500
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NH LX665-1994	$15,500

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1989 Case WIIB Cab, 4 in 1	$22,500
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Fiat FR10, 1983, cab	$24,500
Case W24C Cab-1981	$24,500
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1988 6 Ton Tag-a-Long, 8x21	$2,700
1996 6½ Ton Tag-a-Long, 8x19	$3,500
1972 30 Ton Lowboy, 8x27	$3,500
1997 10 Ton Tag-a-Long w/electric	$6,900
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Case 586E, 1989, 4x4, 14, ROPS	$25,500

MISCELLANEOUS

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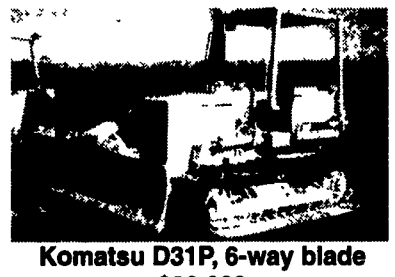
Komatsu D31P, 6-way blade
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JD 544B, new paint, rebuilt motor
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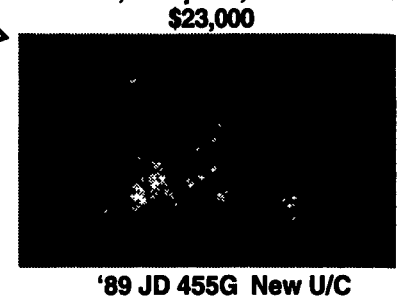
JD 450B Crawler Loader,
Good Condition $12,500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4,000 lb. forklift conversion kit for utility tractors	$1,200
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'79 Cat 955L crawler loader, OROPS, good cond., 13X Serial No.	$28,000
JD 70 Excavator	$17,000
JD 350B crawler w/6-way blade	$9,500
JD 444 wheel loader	$19,000
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JD 450C crawler loader, good cond.	$15,000
'93 JD 450G, long track crawler w/6-way blades	$38,000
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QUALITY TRACTORS
Displayed Inside Building

Case IH 5240, Cab, Air, Power Shift, w/Reverser, MFD, 1700 Hrs., Excel. Cond.
1982 JD 4840, Cab, SOLD wer Shift, 18-42 Duals, Triple
1982 JD 4440, Cab, Air, Power Shift, 4000 Hrs., Good Cond.
1980 JD 4440, Cab, Air Quad Range, Excel. Cond.
JD 2955, Mfd, Cab, Air, 2000 Hrs., Excel. Cond.
JD 2955 Cab, Air, Hi-Lo, 2 Wheel, 3200 Hrs., Excel. Cond.
JD 2255 Orchard Special Spray Cab w/Air,1300 Hrs., Good Cond.
JD 4050 Cab, Air, Power Shift, 4x4, Very Nice
JD 2350 Hi-lo, Indpt. PTO, 2600 Hrs., 4x4, Very Nice
1981 JD 2440 Hi-Low, Indpt. PTO, Dual Hyd., 1-Owner, Very Good
JD 2640 Diesel, Hi-SOLD Loader, 1280 Hrs., Like New
1980 IH 1486 Cab, Air, 3700 hrs., Excel. Cond.
IH 1486 Red Power, Cab, Air, 5400 Hrs., Triple Hydraulics, 20x38 Rubber, Good Cond.
1976 IH 1066 Diesel, Cab, Air, Black Stripe, 3400 Hrs., 20x38 Tires, Excel. Cond.
IH 1066 Year-A-Round Cab, Good Condition
IH 1456 Diesel, Cab, Dual Hyd. & PTO, 2900 1-Owner Hrs., Excel. Cond.
IH 240 Gas w/Snowplow
IH Farmall M Tricycle, Good Cond.
MF 2705 Cab, Air, 24 Speed, Power Shift, 2600 1-owner Hrs.
NH 555 Delux Skid Loader, 460 Hrs., Like New

CORN PLANTERS

JD 7200 6R Conservation, Frame Mounted Coulters, Dry Fert., Auger Fill, Insecticide, Monitor, Excel. Cond.
JD 7200 4R Conservation, Frame Mounted Coulters, Dry Fert., Insecticide, Monitor, Excel. Cond.
JD 7200 4R Conservation, Frame Mounted Coulters, Dry Fert., Insecticide, Monitor, No Markers, Good Cond.
JD 7000 6R Conservation, Dry Fert., Insecticide, Monitor, Good Cond.
JD 7000 6R Dry Fert., Unit Mounted Coulters, Insecticide, Monitor, Good Cond.
JD 7000 4RW Dry Fert., Insecticide, Monitor, Good Cond.
JD 7000 4RN Minimum Till Coulters, Monitor, Insecticide, No Fert., Excel. Cond.
IH 56 4R Dry Fert., Insecticide, Disc Openers, Excel. Cond.

CORN HEADS

JD 244 2RW
JD 343 3RN
JD 344 3RW
JD 443 4RN
JD 444 Oil Bath
JD 643 6RN, Hi Tin
JD 643 6RN Oil Bath
JD 343 3RN Snapper Head
JD 243 2RN Snapper Head
JD 244, 2RW, Snapper Head, Like New
AC 430, 4RN, Black Fil
AC K330, 3RN
AC 330, 3RN Black
IH 863 6RN
IH 943 4RN
MF 1143 4RN

TILLAGE

Krause 1900 18' Hyd. Fold Wing Disc
Krause 900 18' Hyd. Fold Wing Disc
JD 635 12' Rock SOLD Disc, Like New
JD BWF 18' Wing Fold, Rock Flex Disc, Excel. Cond.
Glenco 9 Shank Stretch Frame Soil Saver, Good Cond.
Glenco 7 Shank Soil Saver
Brillion 18' Hyd. Fold Cultipacker, Very Nice
Brillion 16' Transport Cultipacker (new Style)
JD 950, 15' Roller Harrow

HAY EQUIPMENT

NH 1037 Bale Wagon, 105 Bale Capacity, Good Cond.
NH 1033 Bale Wagon, 105 Bale Capacity, Tandem Axle, Good Cond.
NH 1034 Bale Wagon, 105 Bale, Single Bale Unload & Retrieve, Good Cond.
Ford NH 575 Baler w/72 Thrower, Hyd. Bale Tension, Excellent Cond.
Ford NH 162 Four Star Tedder, Good Cond.
Ford NH 316 Baler w/Hyd. 70 Thrower, Excel. Cond.
Kuhn 17 1/2' 4-Star Tedder, Good Cond.
NH 855 Round Baler, Good Cond.
Ford NH 488 9' Haybine, Excel. Cond.
NH 477, 7' Haybine, Good Cond.
NH 256 Rake w/Dolly Wheel
NH 847 Round SOLD Excel. Cond.
Ford NH 492, 9' Haybine, Very Nice
Ford NH 488, 9' Haybine, Cut 60 Acres
JD 670 Hay Rake, Good Cond.
NH 320 Baler w/70 Thrower, Hyd. Tension, Good Cond.
JD 338 Baler w/40 Ejector, Excel. Cond.
JD 751 4-Star Tedder, Very Nice
JD 430 Round Baler w/Crowder Wheels & Bale Comand, Good Cond.
JD 435 Round Baler w/Monitor, Excel. Cond.
Ford NH 474, 7' Haybine, Good Cond.
JD 1360 Disc Mower Conditioner, Excel. Cond.

QUALITY COMBINES
(Displayed Inside Building)

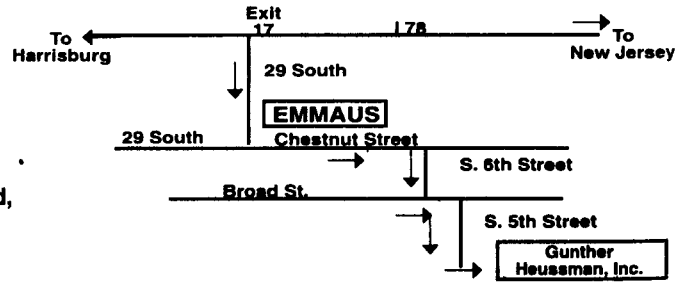
1990 JD 9400 30x32 Tires, Chopper, 1050 1-Owner Hrs., Excellent Condition
1984 JD 6620 Hydro, 2800 Hrs., Heavy Axle, Dial-A-Matic, 28Lx26 Tires, Chopper, Very Nice
1980 JD 6620 Hydro, 2000 Hrs., Dial-a-Matic, 28x26 Tires, Chopper, Good Cond.
1983 JD 4420 Diesel, Cab, Air, 23x26 Tires, Avg. Cond. 2400 Hrs.
JD 213 & 215 Ridgid Heads
MF 1859 13' Flex Head, Excel. Cond.
JD 213 & 215 Flex Heads

PLOWS

IH 720, 6x18 Spring Reset Onland Hitch
IH 720, 6x18 Spring SOLD Hillside Hitch
IH 720, 5x18 Spring Reset Hillside Hitch
IN 720, 5x16 Spring Reset Hillside Hitch
IH 720, 4x18 Spring Reset Hillside Hitch
IH 720, 4x16 Spring Reset Hillside Hitch
IH 700, 4x16 Spring Reset Hillside Hitch
White 588 5x18 Spring Reset

MISCELLANEOUS EQUIPMENT

JD 300 Husker w/2RW or Narrow Head, Good Cond.
NI 324 2RW w/12 Roll Husking Bed, Late Model, Excel Cond.
Artsway 425 Grinder SOLD Good Cond.
Gehl 125 Mixer w/Roller Mill attachment digital scales, hyd. drive, Like New
18x38, 18x34, 20x34, Duals
JD 725 4R Front Mounted Cultivator
JD 350 3 Pt. Sickle Bar Mower, Very Nice
JD RM 6R, S-Tine Cultivator, Excel. Cond.
Case IH 60 Stalk Shredder, 6R, Excel. Cond.
McGee Double Auger Snow Blower
NI 324 2RW, 12 Roll Husking Bed, Good Cond.
IH 2350 Quick Attach, Loader, Good Cond.



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FARM MACHINERY

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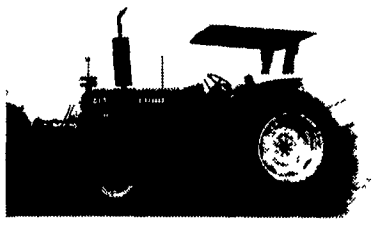
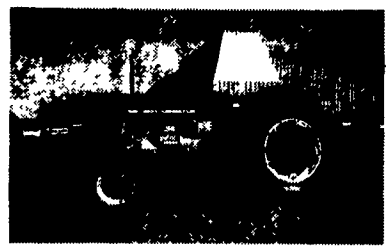


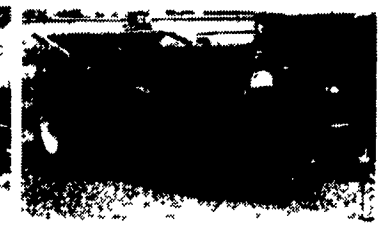
Ford 6610 II, 1991, 670 hrs., canopy, sharp



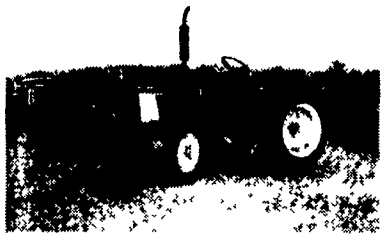
MF 85 gas WF, 3 pt. nice

Case 570 Gas, Freeman Loader, WF, P.S. 3pt. Good Condition

International 4500 24' field cultivator, good condition

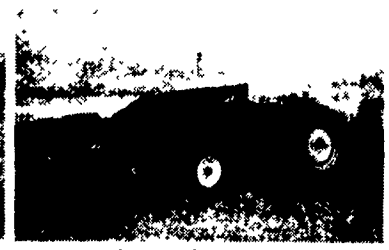


John Deere 350 Box Spreader, w/tailgate, 180 bushel capacity, sharp

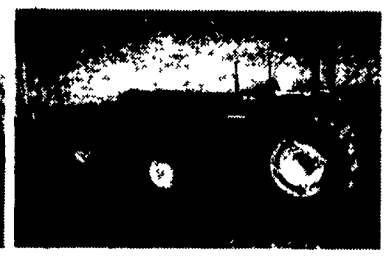


International 284 gas 28 HP w/front snow blade, good tractor, poor paint

Time To Think About It! A Good Selection in stock

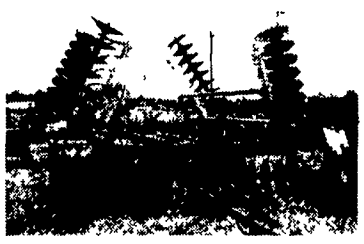


International 574 55 HP diesel w/2250 mount-o-matic loader

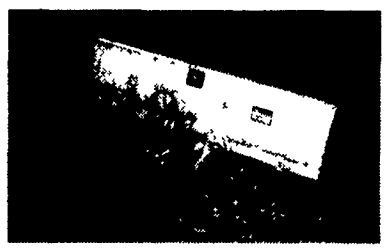


John Deere 2240 50 HP diesel w/loader, very good

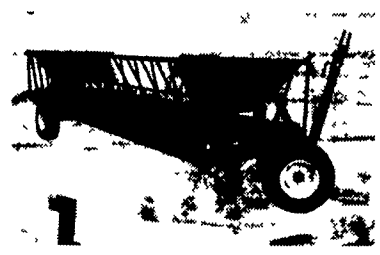
International 986 w/cab enclosure, with or without Woods 315 loader, 105 HP, good condition



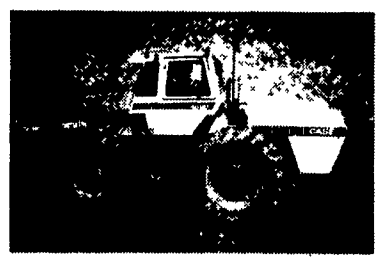
John Deere 230 20' wing fold very nice disk



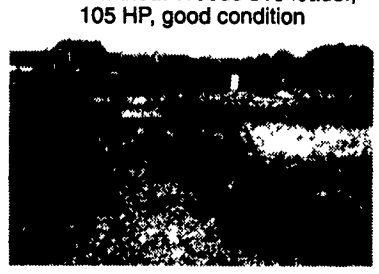
John Deere 54" hydraulic angle snow blade, fit 318 garden tractor



Pequea 5 x 20 feeder wagon used a little



Case 4890 w/3 pt., PTO, 4 remotes, 20.8x38 tires and duals



Woods/Dual 195 Loader, IH red w/valve, brackets for IH 574 etc., sharp

TRACTORS

JD 2940 MFWD, canopy
JD 2755 Cab, Low Hours, Yellow w/Side Mt. Tiger Mower
JD 2640 Hi-Lo, 80 Model, Nice
JD 2240 w/145 ldr. very nice
JD 2010 gas, WF, 3 pt.
JD 435 w/GM Diesel
'95 CIH 7220 MFWD under 500 Hrs.
IH 1066, red cab
IH 1066 cozy cab
IH 574D w/2250 IH loader
IH 656 gas, WF, 3pt., nice
Deutz 130-06 w/cab
Case 4890 4WD 250 HP, 3 pt., PTO
Case 570 gas, w/loader
Case 'Vac' w/3 pt.
Oliver 1600 Diesel
Ford 4610 w/canopy
Ford 6610 II Canopy, Low Hours
Ford 2910 II w/Loader
Ford 4000 Gas
Ford 8N 6 cyl. w/mower
(2) Ford 1710 hi-clear offset w/Cult.
MF1080 Diesel Multi-Power, Canopy
MF 85 gas
MF 35 gas, P.S.
Farmall A w/New Woods 5' Mower
AC WD 45 WF, 3 pt.

CORNPLANTERS

JD 7200 4R low acres (sharp)
JD 7000 4R Liquid Fert.
JD 80 2R 3 Pt. on Tool Bar
3) JD 80 Planting Units
JD 71 4R 3 Pt. on Tool Bar
JD 1440 4R No Til w/71 Units
JD No-Til Coulters for 7000 Planters
IH 2R FH Planter
IH 1R 1 Pt. FH Planter
JD 520 2R Mtd. Planter
JD H 2R Mtd. Planter
Black Hawk 2R 3 pt. planter
Cole Corn Planter w/Fast Hitch

COMPACT TRACTORS

JD 650 2WD (Sharp)
Kubota 2150 HST 4WD w/loader
IH 284 28HP gas 2WD w/snow blade

SPECIALTY ITEMS

Woods RB 750 7' All Hyd. 3 Pt. Blade
Bearcat 1101 Grinder/Mixer (Sharp)
JD 1210A grain cart, 400 Bushel
Case IH 600 forage blower
NI 56" forage blower
AG wrap Bale Wrapper Used
Brillion 5'6" 3 Pt. Seeder
5' 3pt Pasture renovator
Pequea 5x20 Feeder wagon

CHISEL PLOWS & FIELD CULTIVATORS

Wilbeck 7T soil saver (sharp)
JD 712 9T soil saver
Glencoe 9 Tooth Soil Saver
Brillion 3T 3 pt. soil saver
IH 55 11T 3 Pt. Hi-Clear
MF 12 T 3 pt chisel
Kewanee 11T 3 Pt.
Athens 9T pull type chisel
(2) JD 1600 10T 3 pt. chisel
Taylor Way 5T 3 pt chisel
IH 4500 13' Field Cult.
JD 1010 16' 3 Pt. Culti. w/Leveler
IH 4500 13' wing fold field cult.
IH 45 16' 3 Pt. Field Cult.
IH 45 18' pull field cultivator
JD 740 12' danish field cultivator
IH 4500 24' wing field cult.

ROTARY MOWERS

2) Woods Cadet 7' 3 pt.
Woods Cadet, 6' pull
King Kutter 4' thru 6', 3 pt & pull
Woods RD 7200 rear discharge 6'
Woods RD 6000 rear discharge 5'
5'Woods RM990 estate
Woods RM 660, 6' estate
Woods RM500 5' estate
Woods belly mowers for Cub & A
Ford 917 90" 3 Pt. Fail
IH 6' 3 pt. rotary mower
BEFCO 110 9' estate mower
Caroni 7' 3 Pt. estate mower
Woods 59 Belly Mower for 8N
Mott 40" Flail w/8 HP

ROLLER HARROWS AND PACKERS

2) Brillion 16' Packer w/end trans
Brillion 14' crowsfoot w/trans. (sharp)
Brillion 12' crowsfoot w/trans. (sharp)
Brillion 10' packer
Dunham 10' cultimulcher
2) Brillion 10' cultimulcher

BALERS AND HAYBINES

NH 411 discbine (in shed)
3) NH 488 9' haybines (nice)
FNH 489 9' haybine
JD 1219 9' Mo/Co
Case 550 9' haybine
Vermeer 403F round baler
JD 385 4x5 round baler (sharp)
2) JD 327 baler w/ejector (1 in shed)
JD 336 Baler w/ Chute
CIH 8540 centerline baler
JD 24T w/ejector
IH 435 w/chute, sharp
NH 65 compact baler

DISC HARROWS

JD 230 20' wing fold, sharp
White 271 18" Rockflex Disk
JD 220 18' centerfold, new blades
Wilbeck 8' offset (nice)
Krause 11' offset
Krause 11' disk
Case 11' disk
IH 8' & 10' transport disk
Ford 8' 3pt. disk
IH 500 12' heavy disk
IH 122 6' 3pt. disk (sharp)
Ford 10' 3 pt. disk
Dunham 8' 3 pt. disk
JDKBA 28 Disc
IH drag disks

COMBINES, HARVESTERS & CORNPICKERS

New Idea 323 1 Row picker
JD 300 Husker w/2RN
NH 770 Harvester
IH 80 pull type combine

LOADERS

IIH 2350, Fits 1066 Etc.
CIH 2350 Fits 1066 Etc.
NI Ldr. Off JD 620
JD 45 loader off 520
JD Ldr. Off 2010 Ind.
AC 460 w/6' off 6080
Woods 315, Fits IH 1066 Etc.
Woods 195 to fit IH uty.
Dunham 22 w/6' & valve

SKID LOADERS

Ford NH 555 diesel, nice
Case 1830 gas, nice

MISCELLANEOUS

96' JD 4x2 Gator, sharp
JD 643 6RN oil bath
Woods 6500 3 pt. backhoe attachment
Long 6' stalk shredder
Brady 5' stalk shredder
Brillion 12' stalk shredder
(3) Belt 16' Alum. Elevator
(2) Gravity Bin Wagons
JD posthole digger
(3) Danuser post hole diggers
EZ Flow & JD 10' lime drill
Maschio 44" roto-tillers, 3 pt.
Howard 3pt Rotovator 72"
JD 350 hyd. drive spreader (sharp)
NI 243 spreader w/tailgate
NI 3622 PTO spreader
New Idea 17 ground drive spreader
New Idea 12A ground drive spreader
NH 304 1,225 gallon V-spreader (nice)
18.4x38 Open Center Duals
Used Plow Colters (good selection)
VICON spin spreader
Herd 750 3 pt Spin Spreader
Mechanical 2R 3 pt. Transplanter
2) 1 Shank 3 pt. Sub Soilers
3) Corn drag elevator
Donahue 16' dump gooseneck w/cattle racks
Haban PTO Corn Sheller
Several New & Used Loader Buckets
Zimmerman 40' skeleton elevator
NH 30' corn & hay elevator

PLOWS

Ford 140 3x16 Auto Reset, 3 pt.
White 588 5 or 6 X Auto w/Sidehill
White 549 6, 7 or 8 x 18 on Land
White 546 4x16 Semi-Mt. Trip
White 508 4x18 auto reset
Oliver 348 3x16 3 Pt. Auto Reset
Oliver 3x16 3 pt. cushion trip
JD 1450 5x16 Trip Bottom
JD F145 3x14 3 Pt. Trip
IH 720 4X (coming in)
IH 710 5x16 auto reset
(3) IH 450 3x16 3 Pt. Auto Reset
IH 311 3x16 Fast Hitch
IH 4x Pull Plows
IH FH 2x16 Plow
IH 1x Fast Hitch Plow
Super A and Cub Plows
Several 2x 3 Pt. Plows
Imco 1x3 pt. Plow

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JD 5300 MFWD w/ cab
5200 MFWD SOLD
5400 MFWD
7200 MFWD

USED

JD 5200 MFWD w/540 Loader
Int. 2606 w/Loader
INT 986 w/Cab
JD 3010 NF
AC 6080

HAY EQUIP.

NEW

JD 338 Baler w/42 Thrower
JD 920 MoCo
JD 930 MoCo
JD 710 MoCo
Farmlund bale wrapper
818 Pequea Hay Wagon
JD 385 Round Baler

USED

1209 MoCo
IH 1190 MoCo
NH 69 Baler w/Thrower

TILLAGE

USED

Glenco 20' Field Cultivator

HARVESTING

USED

JD 3940 w/2RW & 2RN Head
IH 303 Combine
10' G.H. 2 RW C.H

PLANTING

NEW

7200 4RW Dry

USED

IH 800 6RN, Dry
JD 8300 DD 18x7
JD 8300 Drill w/harrow attach.

MISC.

NEW

W80-56 Westfield Auger
JD 350 Sickle Bar
JD 709 Pull Type
Cherokee Post driver
1517 Rotary cutter
616 Rotary cutter
413 Rotary cutter
613 Rotary cutter
717 Rotary cutter
Unverferth header wagon

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1987 24' Dutchcraft Camper
16 HP Wood Pro Chipper Shredder
JD 450 Spreader
JD F935/72" front deck
5' 3pt. Rotary

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NH 8770, 4WD Super Steer w/duals, 225 hrs.
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NH 4835, 4WD, No Cab
NH 4430, 4WD, Cab
NH 3430, 4WD
NH 1920, 4WD, 12X12
NH 1630, 4WD
NH 1530, 4WD, Super Steer

FORD LAWN & GARDEN

LS 25 LS 45

NH EQUIPMENT

NH 1411 Discbine
NH 1465 Haybine
NH 258 Rake
NH 634 Round Baler
NH 644 Round Baler, Auto Wrap
NH 195 Manure Spreader
NH 185 Manure Spreader
NH 165 Manure Spreader
NH 155 Manure Spreader
NH L465 Skid Loader
NH LX565 Skid Loader
NH L565 Skid Loader
NH LX665 Skid Loader
NH LX885 Skid Loader
NH 900 Forage Harvester, Metal Alert
NH 790 Forage Harvester, Metal Alert
NH 824 Corn Head
NH 990W Hay Head

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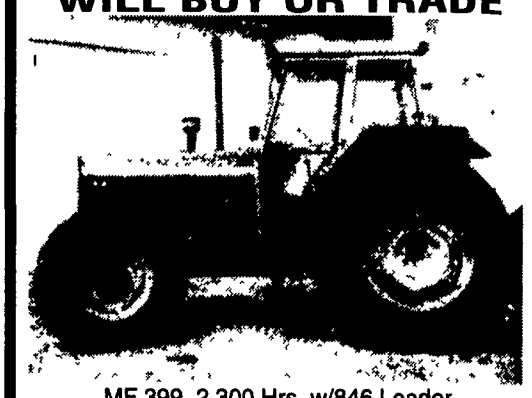

MF 399, 2,300 Hrs. w/846 Loader
$30,000

Case IH 2294, cab & air, power shift.....$11,000
IH 1486, cab, air, new paint.....$13,000
IH 1466, cab, air, TA, duals.....$8,800
IH 966, cab & air, very nice.....$10,500
IH 886 Cab & Air.....Coming In
IH 685 w/loader, shuttle shift.....$14,500
IH 500 ag crawler, gas, PTO, 3 pt., hyd.,.....$5,900
IH B-414, diesel, 3 pt.....$2,800
IH Hydro 100, w/Cab.....Coming In
MF 3660, 4x4, cab & air, new tires.....$30,000
MF 3090, 4x4, cab & air.....$24,000
MF 1230, 4x4 w/loader, 21 h.p.....$12,500
MF 1105, cab, air, MP, sharp.....$9,000
MF 699, 4x4, cab w/loader.....$16,500
MF 690, 2WD, cab & air.....$12,000
MF 399, 4x4, cab & air, 1991.....$28,000
MF 285 Diesel, Low Hrs.....Coming In
MF 275, cab, late model.....$10,250
MF 245, diesel, multi-power, 1,600 hrs $9,000
MF 50A, cab, shuttle, loader.....$7,000
JD 4840, cab, air, power shift.....$21,000
JD 2755, 4x4, cab & air w/loader.....$27,000
JD 855, 4x4, hydro w/Belly mower.....$7,600
JD 750, 4x4, 3 pt. Woods mower.....$8,400
JD 2630, Hi-Lo, nice.....$8,500
JD 450C, loader w/backhoe.....$15,000
AC 200 w/Cab.....Coming In
David Brown 990 Select-o-matic.....$3,200
Deutz DX120, 4x4, cab & air.....$12,500
Deutz Allis 9130, 4x4.....$31,000
Duetz-Allis 7085, 4x4, 4 Post.....Coming In
Ford TW35, 4x4, cab, air, 8 spd.....$24,000
Case 1845C Skid Steer.....Coming In
NH 785 skid steer.....$11,000
Bobcat 843 skid steer w/cab.....$12,000
Gehl 4615 diesel skid loader.....$9,500
MF 236 loader w/ pump.....$3,000
JD 245 loader w/valve.....$3,200
JD 335 Round Baler.....$9,000
NH 848 Round Baler.....$8,500
NH 472 haybine.....$3,200
JD 1470 discbine.....$4,200
JD 210, 12' disc.....$2,900
JD 10' offset disc.....$2,500
IH 720 5x auto reset plow.....$1,900
IH 4 btm. roll over plow.....$1,800
Oliver 6 btm. spring reset plow.....$1,900
Taylorway 11 tooth chisel plow.....$950
IH 45 Vibra Shank, 12'.....$950
AC 10' & 12' field cultivator w/level harrow.....$950
JD 18' fold up field cultivator.....$1,800
Bush Hog 3 pt. side mount mower, 6'.....$2,500
IH 7 Shank Auto Reset V Ripper.....$4,900
18.4x38 & 20.8x38 duals.....$1,000
Badger bedding & straw chopper.....$500
MF 9115 flex head, 15'.....$3,200
MF 1859 flex head, Ull reel, 20'.....$2,500
MF 1859 flex head, Ull reel, 13'.....$1,800
MF 1143 4RN corn head.....$3,000
MF 1163 corn head.....$4,500
MF 850 combine, hydro.....$8,500
JD 8350 drill, w/grass seed.....$2,300
Gehl 1580 silage blower.....$1,200
Gehl 99 silage blower.....$850
Gehl 910 silage wagon, tandem axle.....$1,900
IH 120 Forage Wagon w/tandem.....$2,400
Gehl 170 mix mill w/scales.....$8,000
Brillion cultipacker 10', 12' & 14'.....Call
Martin Scavenger 1674 spreader.....$4,500
NH 790 **tandem** spreader, hyd. endgate.....$2,700
NH 679 spreader, top beater & hyd. endgate.....$2,500
NH 125 spreader, like new.....$3,200

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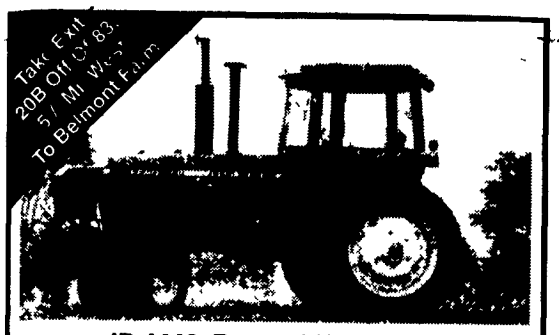

JD 4440 Powershift, 130 H.P.
Wgts., 3 Pt., 540/1000, Quick Hitch,
Front-Fenders,
5900 Hrs., 1 Owner From Midwest

$20,000

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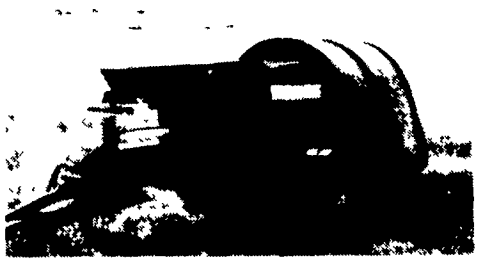

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- Lights for highway towing

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TAG #	DESCRIPTION	HRS
	COMBINES	
10244	NH TR 87 Combine 2WD Hydro w/16' 973 Flex Head	1178
10153	TR 70 2WD	3861
9950	Ford 975 Gas w/13' Head	
9944	NH TR85 2WD Cab Hydro	2765
9905	Claas Dominator 68 13' Flex Head & 4 Row Wide Corn Head	1509
9709	NH TR86 Rotary 2WD, Hydro Trans, 16' Flex & 974 6 RN Corn	973
	COMBINES HEADS	
10200	974 6 Row, Narrow	
10189	974 4 Row, Wide	
10187	974 6 Row, Narrow	
10143	974 6 Row, Narrow	
9907	15' Flex Head	
7849	962 4 Row, Narrow	
	TRACTORS	
	5030 Tractor 2WD Cab	155
	8240 SLE ROPS 2WD 16x16 trans	700
8517	Ford 6610 w/Tiger Boom Mower	4722
9606	Ford 3910 4 Wheel Drive 2 Remotes w/ loader	760
9865	Ford 3430 8x2 Trans w/loader	7
9896	Long 610 2WD Diesel	1980
9919	Ford 8340 SLE 4WD Cab, 4 Remotes w/ loader	790
9983	TW-20 Cab Dual Power, w/Duals	2610
10097	Case IH 1394 w/Cab	2080
10130	Ford TW10 w/Cab	3750
10133	Ford 4000	4456
10188	8670 4WD Super Steer Cab, Front & Rear WGTS	728
10249	Ford 5030 4WD w/Cab	35
10259	Ford 3000 Diesel 8-Speed Power Steering w/Loader	3535
10261	Ford 4100 Diesel Tractor, 1 Remote	
	FORAGE & HARVESTER	
8832	NH 770W Grass Head F/782	
8859	New Holland 782 Harvestor 1000 RPM	
9034	NH 790W Grass Head	
9330	New Holland 717 Sickle Grass Head	
9376	Brillion FSC 18051 15' Flail Shredder	
9626	NH 717S Sickle Grass Head	
9866	NI 325 2 Row Pull Type Corn Picker	
9894	NH 727 Grass Head	
9908	NH 30 Blower	
9920	NH 38 Crop Chopper	
10038	NH 782 w/Metal Alert	
10124	NH 717 Harvester w/717W Grass Head	
10144	NH 782 Harvester w/No Heads	
10149	770W Grass Head	
10158	741 1 Row Fits 717	
10182	990 W Grass Head	
10183	880 R2	
10186	880 Harvester	
10215	NH Grass Head	
10217	NH 717 Harvester	
	GRINDER MIXERS	
9906	NH 357 Grinder Mixer, Scale	
9930	NH 353 Grinder Mixer w/3" Auger. Ext.	
10169	NH 358 Grinder Mixer 10 Ft. Auger, 540 PTO	
10257	NH 358 Grinder Mixer, Hyd Drive, Auger & Scale	
	MANURE SPREADERS	
9578	NH 520 w/Upper Beater	
9988	NH 306 Tank Spreader w/1700 gal. sides	
10068	NH 304 Tank Spreader	
10240	304 Slurry Spreader	
	PLOWS	
10030	JD 4-14" Trailer Plow	
10061	Ford 140 3-16"	
10063	Ford 140 3-16"	
10224	Glencoe 10 Tooth Chisel Plow	
	COMPACT TRACTORS	
10041	Ford 1720 4WD Ag w/Canopy and Snow Plow	219
10142	1210 Ford w/60" Deck	1033

TAG #	DESCRIPTION	HRS
10156	IH 100 w/Woods 59" Belly Mower	
10176	Mitsubishi 180 Hydro 4WD	1703
10202	1715 TLB w/4WD Turf Tires	76
10218	1620 4WD Turf Tires Hydro 60" Mower Loader	484
10220	1210 4 WD Turf Gear	688
10232	1620 4WDTurf Hydro	306
10264	1710, 4WD, w/Loader Mower, 3pt. Hoe	502
	BALERS & RAKES & WAGONS	
9548	NH 282 Baler w/Thrower	
9634	NH 326 Baler/70 Thrower	
9914	JD 337 Baler w/Kicker	
9996	NH 570 Baler w/Thrower	
10000	NH 320 Baler w/Thrower	
10027	JD 510 Round Baler w/Belts	
10046	NH 316 Baler w/Kicker	
10090	NH 310 Baler w/Thrower	
10101	NH 57 3 Pt. Hay Rake Steel Teeth	
10111	Zimmerman 36' Bale Elevator	
10113	Ford 532 Baler w/Bale Chute	
10117	NH 575 Baler w/72 Thrower	
10129	NH 326 Baler	
10138	315 NH Baler w/Chute	
10154	258 NH Rake Steel Teeth	
10159	855 Round Baler	
10171	315 NH Baler Plane Chute	
10181	NH 575 Baler/Bale Chute	
10195	254 Rake Tedder	
10235	NH 169 Hay Tedder 6 Star	
10250	JD Hay Rake Rubber Teeth & Dolly Wheel	
	SKID LOADERS	
10265	L785 Skid Loader, Perkins Engine, No Bucket	2454
10233	CL 30 Skid Loader, Gas as is	1711
10193	L553 NH Skid Loader	3533
10173	Gehl Skid Loader w/Bucket gas	1257
10102	NH L250 Gas	94
10053	Bobcat 743 Kubota Engine	3135
9937	NH LX565 Skid Loader	384
9927	NH 455 Deutz Diesel	2251
9897	NH 455 Gas Wisconsin	1258
9777	L455 New Holland (Kubota Engine)	4082
9609	L553 NH Diesel	1750
	INDUSTRIAL TRACTORS	
10270	555 TLB W/cab 2WD 2 Lever	2606
10256	JD 310C TLB w/cab	3388
10255	555D 4WD Ext. Hoe 14' Cab 2 Lever	983
10252	Case 585C Forklift 2WD 4' Forks 21' Mast	719
10228	550 4 Lever w/Cab	729
10226	JD 544B Wheel Loader	1710
10196	Ford 4500 TLB w/Cab, Diesel, As Is	1083
10178	Ford 655A TLB Ext. Hoe Cab, 4 Lever	1961
10077	655C TLB 4WD Cab, Wxt. Hoe, 4 Lever 3042	
9879	Ford 655A TLB w/Cab, 2WD	2841
	HAYBINES	
9726	NH 474 Haybine, New Rolls	
9765	NH 489	
9775	NH 1499 Hydro Diesel w/Cab & Heater	
9784	NH 489 Haybine, Stub Guard	
9998	NH 489 Haybine	
10049	NH 492 Haybine, New Rolls	
10073	NH 499 Hydro Swing	
10091	NH 479 Haybine	
10221	NH 489 Haybine Standard Guard	
10247	NH 489 Haybine Standard Guard	
10248	NH 411 Discbine	
10266	2550 Self Propelled Haybine	1011
	TILLAGE & CULTIVATOR	
9421	Brillion PMW 1148-04 Cultimulcher	
9622	20' Bush Hog Tandem Folding Disc	
9659	IH 409 Drag Harrow 16'	
9819	Kongskilde 16' Harrow 3 pt.	
9825	Dunham Lehr 12' Roller Harrow	
10028	Brillion Seeder 3 pt 5'	
10066	Brillion 16' Harrow	
10194	JD 14' Packer	

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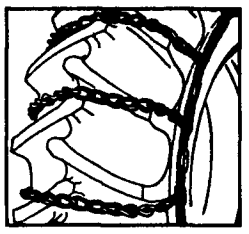
TRACTOR CHAIN SALE

...prices shown are per pair

LADDER

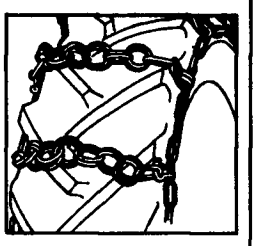


- *Least expensive alternative when tread is worn*
- *Minimizes damage to paved surfaces*

Tire Size	Stock #	Price
11 2-24 9 5-28	836	123 04
11 2 24 9 5-32	838	140 59
13 6-16	850	127 69
13 6-28 14 9-24	859	178 46
16 9 24 17 5L 24	874	199 13
16 9-28 14 9-30	876	201 23
16 9-34 15 5-38	879	236 78
18 4-34	887	336 68
18 4-38	889	357 79
20 8-38	892	439 61

Call for sizes and styles not listed

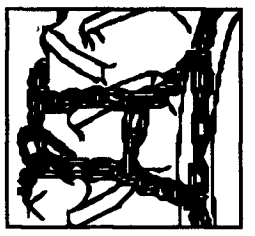
DOUBLE RING



- *Best in ice, mud and manure*
- *Self-cleaning*
- *Double ring 2 1/2" diameter*

Tire Size	Stock #	Price
9 5-28 11 2-24	736	188 62
9 5-32 11 2-28	738	206 38
12 4-28, 13 6-24	756	241 66
13 6-28	759	276 59
12 4-42 13 6-38	766	327 34
14 9-24	772	310 21
14 9-28 16 9 24	774	356 32
16 9-28 16 9-30	777	382 29
14 9-38 16 9-34		
15 5-38	779	428 70
18 4-34 16 9 38	787	531 04
18 4-38	789	565 76
20 8 38	790	729 68

DUO-GRIP



- *Rides on top of deep tread*
- *Doesn't settle between tire lugs*
- *Great on soft surfaces*

Tire Size	Stock #	Price
9 5-24, 9 5-28	214	204 13
13 6-28, 14 9 24		
12 28, 12-24	242	253 58
14 24 16 9 28, 16 9 24		
16 9-26, 17 5L 24	262	269 10
16 9 34	270	331 58
18 4 30	271	339 45
16 9-38	272	371 44
18 4-34	273	372 71
18 4 38	274	406 95
20 8 38 20 8-42	276	487 31

EQUIPMENT CHAINS

Size	Stock #	Price
13 00-24/25, 15 5-25	2612	199 86
14 00-24, 14 00 25	2615	222 06
17 5-25, 16 00 20/21	2624	349 44
20 5-25	2633	430 48
23 5-25	2645	865 09
26 5-25	2657	1 159 61

HEAVY TRUCK CHAINS

Size	Stock #	Price
235/86 16	2437	75 57
9 00-20, 10 22 5	2445	138 13
10 00-20 11-22 5	2448	139 40
11 00 24 5 11 00 20	2452	148 03

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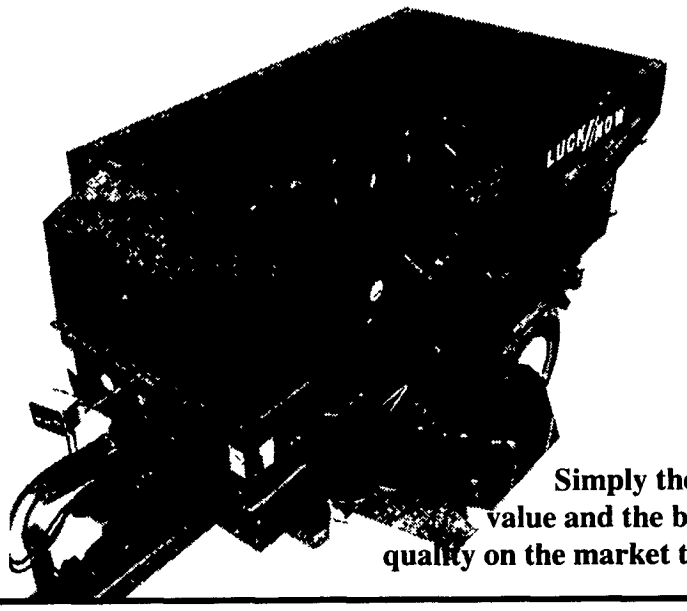

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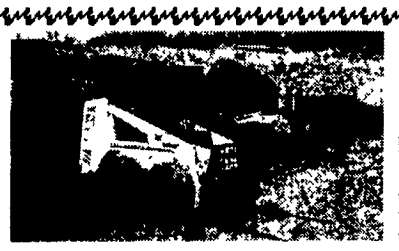
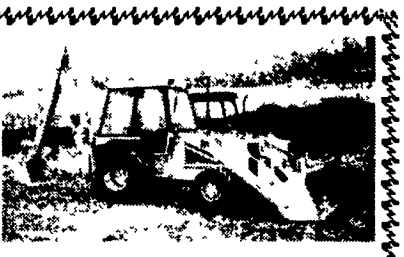
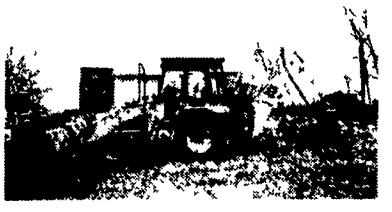


93 Bobcat 743B, 1500 hrs, Fair Condition.....**$9,500**



JCB 1700B 4x4, St. Hoe, Very Good.....**$19,500**



JCB, 1400 B '86 Model.....**$11,500**

Mustang 940, 2700 hrs.....**$7,900**

AC 8050, Cab, 4WD, Duals, 2500 hrs , Fresh In-Frame Overhaul...**Coming In**
Dresser TD 8E Crawler Tractor, Good U.C., Good Solid Tractor....**$16,500**
Dresser TD8C Crawler Tractor, Good U.C., Good Solid Tractor.. ..**$16,000**
Fiat Aliis 645B Rubber Tire Loader, 80 Model.....**Coming In**
92 Case 580K 4x4, Ext. Hoe, 2700 Hrs.....**Call**
94 Case 580 Super K 2WD, Ext. Hoe .....**Call**
Ford 555 TLB, O-ROPS, Good Rubber.....**$13,250**
Case 450B Crawler Tractor, 6-Way Blade.....**$17,500**
JD 3RN Corn Head.....**$2,400**
Case 850C Crawler Tractor, 6-way Blade, Swamp Pads ROPS w/Sweeps.....**$22,500**
1991 E70B, 2200 hrs, rubber tracks, clean & Painted.....**$26,500**
JD 455E Crawler Loader, 4-in-1 Bucket, Backhoe Attachment, Very Good Condition.....**$25,000**
Toyota 3FD40 Forklift, Dsl, 8000 Lb. Cap.....**$5,000**

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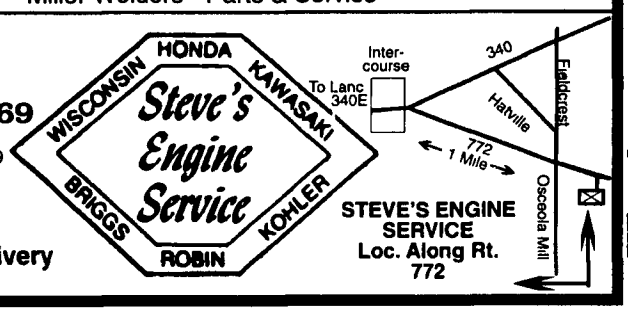

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Ford 1520 23 HP 4WD
Ford 841 Gas
Ford 4630 55 HP
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Ford 6610, 72 HP
Ford 6640S, 76 HP
Ford 7710 2WD, 86 HP
Ford 3000 Tractor
Ford 655 TLB 4WD, Cab w/A/C
Ford 555 TLB, 2WD
Ford 345 C w/Loader
Ford 777 B Loader Attachment
Ford 8240 SLE Tractor
NH LX 665 Skid Steer
NH L35 Skid Steer
NH 553 Skid Steer
(3) NH L555 Deluxe Skid Steer
(2) NH L785 Skid Steer
AC 190 XT Tractor w/Loader
AC 5040 Tractor
AC 6080 Tractor
AC 6080 w/Loader
Bobcat 641 skid steer w/backhoe
Case 580B Tractor Loader
Case 1835-B skid steer
Cub 154 Lo-Boy
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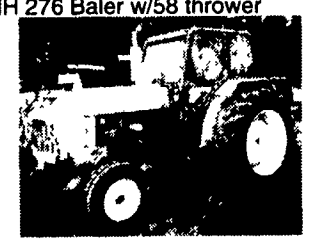
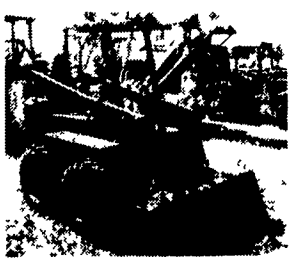
Yale Forklift, 5000 Lb Lift

HAY & FORAGE
NH 70 Thrower
NH 273 Baler w/54 thrower
NH 2115 Self Propelled harvester
NH 1495 Haybine, Gas, Hydro
NH 276 Baler w/58 thrower
NH 258 Rake
NH 70 Thrower
NH 320 Baler
(2) NH 415 Discbine w/Swivel Hitch
NH 463 Disc Mower
NH 489 Haybine
NH 495 Haybine
(2) NH 499 Pivot Tongue Haybine
NH 1034 bale wagon
NH 770 Harvester 2RN & WPU
NH 849 Round Baler
NH 892 Harvester
NH 939 N4 Corn Head
Case 8455 Round Baler
Deutz 360 Rake
Gehl 1310 Round Baler
Hesston 1010 Hydroswing Haybine
Kuhn GMD 66 HD Disc Mower
MC Rotary Scythe

MISCELLANEOUS
BH 257 7" Rotary Mower
Case Int. 475 12' Rock Flex Disc
Cub 41/2' Pull Type Disc
Brillion 12' Packer w/ (2) 5' Pups
JD 3 Bottom Plow
JD 4 Bottom Plow
NH 510 Spreader
Bolens FT120 lawn tractor
Ber-Vac 24' Field Cultivator
Cushman 5' front cut mower
Vermeer TS60 truck mount tree spade



Ford 5000 Tractor w/cab 1970 Diesel Front Bumper



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26597	**Kubota L3300 GST** 35 HP, 4WD, Diesel, Q-Tech Loader, 269 Hrs	$16,995
26629	**Kubota L245H** 25 H.P. Diesel, Offset, Hi-Clearance, w/Cult. & Fertilizer Top Dresser, Low Hours SOLD	$5,400
25856	**Kubota F2000** 20HP Diesel, 4WD, W/5' Outfront Mower (Nice) SOLD	$8,995
25544	**Kubota L2250DT,** 26 5 HP Diesel, 4WD w/72" Mid Mower & New Loader	$15,900
26657	**Kubota L2350DT,** 25 H.P. Diesel, 8-speed, PS, Qtach loader, 337 hrs., (Like New)	$12,875
26574	**Kubota L2850 DT7,** 4WD, Diesel, 34 HP, Loader, Cab w/Heater, Very Good Cond.	$13,750
26495	**Kubota B6200 DT,** 15HP Diesel, 4WD, 48" Mid Mower, Low Hrs., Very Nice	$5,495
26516	**Kubota B6100E,** 14 HP Diesel, w/3 Pt. & PTO	$3,500
26529	**Kubota B6100 HSE,** 14 HP Diesel, Hyst. Trans., 2WD, 60" Mid Mower Needs Some Work	$2,995
26401	**Kubota B6100 HSE,** 14 HP Diesel, Hyst., 3 pt., 48" mower	$4,995
26002	**Kubota B7100 HSD,** (new Style) 16 HP, 4WD, Diesel, Turf Tires, Q-Tach Loader, A-1 Shape $9,375	
26301	**Kubota B7100 HSD,** 16 HP 4WD Diesel, Hyst. Trans., 60" Mower	$6,995
24152	**Kubota B7100 HSE 2WD,** Hyst., w/5' Mid-Mower, 16 HP Diesel	$5,995
24561	**Kubota B7100 HSE,** 16 HP, Diesel, Hydro w/48" Mid Mower	$4,975
26621	**Kubota B7100 HSD,** Hyst. Trans., 16HP, 4WD, Diesel, New Style w/60" Mower, Low Hrs	$7,995
26598	**Kubota B7100 HSD,** Hyst. Trans., 16 HP, 4WD, Diesel, Loader	$7,595
26614	**Kubota B7200 HSD,** Hyst. Trans., 17HP, 4WD, Diesel w/48" Mid Mower, Low Hrs	$7,995
26120	**Kubota B8200 HSD,** 19 HP, 4WD, Hyst., w/60" Mid-Mower	$9,495
26090	**Kubota B9200 HSD,** 22 HP 4WD Diesel, Hyst. Trans.	$7,495
24350	**Kubota G-4200H** 12 HP Diesel, L.G.T. w/44" Mower & Grass Catcher	$3,495
26275	**Ford LGT 14D,** 14 HP, Diesel, Hyst, w/Hyd. Lift, 48" Mower, Frt. Blade,Trac Vac, 427 Hrs.	$3,995
26391	**Ford 145 LGT,** Hyst., Hyd Lift, 42" Mower	$895
26290	**Ford 1110,** 13 HP, 4WD, Diesel, 3 Pt., PTO, Loader, Turf Tires..	$5,995
26275	**Ford LGT 146,** 14 HP Diesel w/48" Mower, Blade, Vac	$3,995
24794	**Ford NAA** Gas Tractor w/3 Pt. & PTO	$3,995
26150	**Ford 145,** 14 HP, Hyst. Drive, Hyd Lift, 42" mower	$895
25697	**Ford 14 HP,** Hyst. Drive, Hyd. Lift, 42" Cut..	$1,295
26609	**Farmall "A" Restored 1942,** Painted, Runs Good, PTO, Pulley	$2,475
26608	**Case "VAC" Restored 1948,** New Tires, Painted, Runs Good, PTO, Pulley	$2,475
26468	**Case Ingersol,** 16 HP, Hyd. Drive, Mower, Grass Catcher, Low Hrs., Nice	$2,595
26630	**John Deere 2630,** 70 P.T.O. H.P. Utility, Low Hrs. Very Clean SOLD	$8,900
26225	**Toro-Wheel Horse 2125** w/38" Mower & Catcher	$1,495
24696	**Wheel Horse LT-1100** w/mower.	$750
26455	**Yanmar 226D,** Diesel, 4WD, Loader	$7,495
26587	**Simplicity 9518,** 4WD, w/60" frt Blade	$5,500
20988	**Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive	$465
21885	**Lawn Chief 6-830 Tractor,** 8 HP, 30" Mower	$365
25170	**Sears Lawn Tractor,** 11 HP, 36" Cut.	$495
25022	**Mitsubishi MT-372,** Diesel w/3 Pt. & PTO, 48" Mid-Mower, 300 hrs	$3,900
25371	**Gravely Pro Master** w/60" Mower	$1,895
25635	**Honda 3810 Lawn Tractor,** 10HP, 38" Cut, w/Grass Catcher	$1,350
26310	**Honda HT4213,** 13HP, Water Cooled w/42" Mower	$1,995
26410	**David Bradley 2WD,** W.B. Tractor w/Frt. Blade, Rear Harrow, Good Cond.	$195
26618	**Bobcat 943 Skid Loader** w/cab, Dirt Bucket, Material Bucket, Scarifier attachment, 1,070 Hrs.	$14,900

MOWERS:

26307	**Kubota RC-54-B** 54" mower w/Vac Unit (To fit B1550 & B1750)	$1,195
26261	**Kubota RC-60-F24,** 5' Front Mower, Series	$1,395
26040	**Kubota RC-60-21B,** 5' Mid Mower for B2150 Kubota	$1,275
23308	**Kubota RC60-72 Mower** 60" Mower, Gear w/Clutch, Good Condition	$775
22776	**Kubota RC60-72H Mower** 5' Mid-Mt. Finish Cut For Parts	$275
22146	**Kubota RC60-82H Mower** 5' Mid-Mower, Fits B-8200 HST Tractors, Never Used	$1,500
26307	**Kubota RC 54-B,** 54" Mower w/Turbine Grass Catcher	$1,195
23395	**Kubota Mid Mower RC-54B 54"** Fits B-1550 & B-1750	$1,095
26678	**Woods RM 500** Finishing Mower	$695
26515	**Woods RM-400-2,** 4', 3 Pt. Finish Mower	$795
15186	**Woods F35 Mower,** 5' Mid-Mount, Fits Ford 1710 Tractor, Brand New (Retail $1,665)	$898
26490	**Heckerdorn 91" Frt. Wing Mower** w/32 H.P. Watercooled Eng. & Vac. System	$3,900
26456	**Befco** 72", 3 Pt. Finish Mower	$850
26476	**King Kutter,** 3 Pt., 5' Brush Cutter	$495

BLADES:

23683	**Kubota B2030** Frt. Dozer Blade w/Hyd. Angle & Skid Shoes	$895
26660	**Landpride** 3 pt. 6' Blade (A-1 Shape)	$250
26456	**Frt. Mtd. Kelly Blade** for B7100	$695
26680	**Woods** RB-5, 3 PT, 5' Blade.	$175

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25924	**Kubota Bin Type Catcher** to fit "GF" Models w/54" Mower, Like New	$2,495
21136	**Kubota G-3008 Grass Catcher** To Fit 48" LGT Mower	$335
26365	**CC-60-B 3-Bag Kubota Catcher** For "B" Series (Never Used)	$1,275
26596	**Trac-Vac 580** w/Engine, Trailer, Wand & 15' Hose (Like New)	$1,350

MISCELLANEOUS:

26007	**3 pt. Snow Blower** w/Elect. Chute Rotator	$1,495
26489	**7' 3 pt.,** PTO Snow Blower, Very Good Cond.	$1,995
26619	**Model 632 "CareTree" Tree Spade,** to fit Larger Skid Loaders	$5,500
26387	**White Roto Boss 850 R. Tine Tiller**	$695
26658	**Landpride RTA 1558** 3 pt. Tiller, A-1 shape SOLD	$1,575
26679	**Kubota** 3 PT., 42" Tiller "B422"	$695
26628	**Caroni 60" 3 Pt. Tiller** (Like New)	$1,375
26343	**Int. 3 pt. 5' Grading Box** SOLD	$325
26661	**Landpride LR 1572** 3 pt. 6' Rake w/ gauge wheels SOLD	$575
26413	**3 Pt. Hyd. Roper Log Splitter,** (Good Cond.)	$595
26115	**Olathe Sweeper/Thatcher,** 20 HP, High Lift, Hyd Dump, (Real Nice)	$4,995
25598	**Maibo Portable Air Compressor** (Hi-Volume Output)	$795
26656	**Kubota Post Hole Digger** (A-1 Shape)	$595
26631	**John Deere 4200 3-Bottom Rollover Plow** (Used Very Little)	$3,495
26415	**3-Pt. 9 Tooth Chisel Plow**	$495
24966	**Pitts. Disc** 5'5" 3 pt. 4 Section (Used very little)	$525
26268	**Custom Fab 16' 2 axle Trailer** 7,000 lb.	$1,795
26554	**Landpride** 8' Grading Box	$495
26300	**3-pt., Ag-Tec 6' Preseeder**	
22987	**Brillion 6LB64-01 Seeder** 64" Mower Size	$895
23789	**Sears Tow Behind Sweeper 32" Mower,** good Shape	$195
25561	**Speeco 5',** 3-pt., Rear Blade	$175
25464	**HD 2-Axle Trailer,** 6'x12' Bed w/Sides, 10,000 Lbs.	$1,875
26122	**Ravens 6'x10' Alum. Trailer** w/Tailgate Ramp (Nice)	$1,495
26052	**Hudson Trailer,** Bed - 6x16, 2-Axle - 10,000 LB.	$1,875
26662	**Cross Country** 16', 10,000 LB. Trailer, very nice, low mileage	$1,875
24654	**4x8 Eric Single Axle Trailer** w/26" High Sides	$395

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Your 21st Century Customer-Driven Dealer

TRACTORS

0% TIL MAY 1, 1998
Or 6.5% For 36 Months

	WAS	NOW
Same Explorer, Cab, 98 HP	$19,000	$17,000
Deutz 7145, Cab, Duals	$23,500	$21,000
JD 5400, MFWD, 60-HP, w/JD 540 loader		$26,500
JD 2840 Diesel, 80 HP.. SOLD	$10,850	$10,000
JD 2840 Diesel, 80 HP	$11,500	$11,000
JD 510 Loader/Backhoe	$11,900	$11,000
JD 2555 65-HP w/JD 245 Loader	$25,900	$24,900
JD 7200 Diesel, Power Quad	$39,500	$38,000
JD 7610, Cab, Power Shift, 325 Hrs.	$56,900	$55,500
JD 7800, Cab, Power Shift, 1750 Hrs.	$58,900	$57,000

TILLAGE EQUIP.

	WAS	NOW
Brillion BRH 630 Min-Til Cultivator	$4,950	$4,450
Brillion BRH 440 Min-Til Cultivator	$3,500	$3,150
White 324 6R Cultivator	$700	$600
JD RG20 2R Cultivator	$750	$650
Brillion 13-Ft. Pulverizer	$1,150	$1,050
Brillion 8 Ft. Pulverizer	$250	$200
Brillion HFCS 20 20' Field Cultivator	$9,150	$7,500
IHC 45 18-Ft. Field Cultivator	$2,150	$1,950
JD 635 18-Ft. Disk Harrow		$13,900
JD 1635 14 Ft. Disk Harrow	$4,100	$3,900
IHC 475 12 Ft. Disk Harrow	$3,500	$3,000
JD 710 7-Tooth Mulch Tiller	$5,995	$5,450
JD 610 3 Pt. 10-Ft. Chisel Plow		$3,250
JD 1600 3 Pt. 12-Ft. Chisel Plow		$1,050
Kelley 3 Pt. Chisel Plow	$1,395	$1,250
White 6342 4B16 Rollover		$4,195
JD F845 3B16 Rollover		$3,495
White 508 5B18 Plow	$3,900	$3,400
JD 2600 4B18 Plow	$3,800	$3,400
Ford 152 5B Plow	$1,195	$950

PLANTING EQUIP.

JD 7000 4R 30 Corn Planter	Was $7,100	$6,400
JD 7000 6R 30 Corn Planter	Was $7,950	$7,350
JD 7000 6R 30 Corn Planter	Was $8,500	$8,000
JD 7200 6R 30 Corn Planter	Was$11,900	$10,900
JD 7240 11R30 Corn/Bean Planter	Was $23,500	$21,500
IH 5100 Grain Drill, 18x7, Press Whls	Was $5,100	$4,600
JD 750 No Til Drill		$18,300

MISC. EQUIP

	WAS	NOW
Brillion, 12-Ft., Flail mower		$1,500
JD 1508, 15 Ft., Wing	$7,000	$6,500
JD 1508, 15 Ft., Wing.. SOLD	$6,500	$6,000
AC, 20-Ft., Wing	$7,500	$6,800
JD 450, Hydra-Push Spreader 230 Bu.		$3,995
Hagedorn Hydra-Push Spreader 400 Bu.		$8,900

COMBINES

0% TIL SEPT. 1, 1998

	WAS	NOW
JD 9600 Diesel, Rear Whl drive, 900 Hrs.		$135,500
JD CTS Diesel, Rear Whl drive, 1475 Hrs.		$114,500
JD 9500 Diesel, Chopper, 1775 Hrs.	$94,500	$93,500
JD 9500 Diesel, Chopper, 2000 Hrs.		$83,500
JD 9500 Diesel, Chopper, 2875 Hrs.	$77,500	$74,500
JD 9500 Diesel, Chopper, 3475 Hrs.	$67,500	$64,500
JD 4425 Diesel, Gear	$29,500	$26,500
JD 4425 Diesel, Gear	$22,500	$20,500
JD 4420 Diesel, Gear	$19,500	$18,900
JD 6600 Diesel, Hydro	$5,250	$4,750

Good Selection Of Flex Platforms And Corn Heads

MOWER-CONDITIONERS

0% TIL MAY 1, 1998

	WAS	NOW
JD 1219, 9 Ft.	$3,500	$3,150
JD 1219, 9 Ft.	$4,375	$3,950
NI 512, 12-Ft., Hydro-Swing		$4,500
JD 1219, 9 Ft.	$6,500	$5,750
JD 1460, 10 Ft. Disc Mower	$7,950	$7,450
JD 1600, 12 Ft. Hydro-Swing	$11,500	$10,900
JD 930, 12 Ft. Disc Mower	$13,900	$12,900
Gehl 2240, 12 Ft. Hydro-Swing	$6,950	$5,950
NH 1495, 12 Ft. SP Windrower	$8,900	$7,800

BALERS

0% TIL MAY 1, '98

	WAS	NOW
MF 124 Baler w/thrower	$2,550	$2,200
JD 336 Baler w/chute	$2,950	$2,500
JD 346 w/JD 30 ejector	$5,500	$4,500
JD 327 w/JD 30 ejector	$7,500	$6,250
JD 337 Baler w/JD 30 ejector	$7,500	$6,600
CIH 8450 Round Baler	$6,700	$6,200
JD 435 Round Baler w/surface wrap	$14,900	$13,500

FORAGE EQUIP.

0% TIL SEPT. 1, 1998

	WAS	NOW
JD 3950 Forage Harvester	$8,900	$8,100
JD 5720 S-P Harvester w/4-Whl Drive, 2300 Hrs.	$55,000	$54,000
JD 716 Forage Wagon	$5,500	$5,200

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Ford 9600 w/cab
Some Panther 95 4WD
MF 35 Gas
MF 35 Diesel, Pow. Ster.
Vicon Disc Mower
NH 276 Baler w/Thrower
Hesston 5600 Round Baler
NH 900 Chopper
JD 3970 Chopper
IH 6' Cut Flail Chopper
NH 258 Rake
NH 55 Rake
NH 479 Mower/Cond.
NI Cutditioners, 7' & 9'
NI 323 1 R Picker
NI 2R Picker/Grinder
United Farm Tool 1R Picker
MF Forklift
AC Forklift
IH Forklift
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Several Acres of Other Machinery

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•5240 Case IH MFD, 1700 hrs, w/ 520 loader $40,000/OBO
•Meyers TS600 silage wagon .. . $3,500
•Gehl silage wagon $1,500
•Wrap Master bale wrapper.. . . . .$3,000
•JD 874 side slurry manure spreader $4,000
ALL IN GOOD CONDITION.
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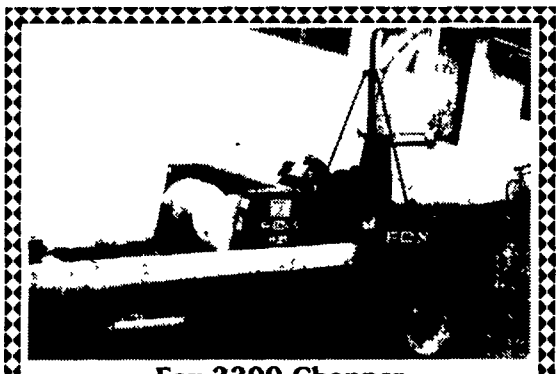

Fox 3300 Chopper
Elect. Controls, Knife Grinder
$2,200
Lebanon 717/272-0041

NEW Ford 555D Tractor Loader Backhoe - ~~$39,995~~ $39,000
New Kioti Tractors 20-30 HP In Stock, Loaders
New Ford 2120, HSS w/Loader, 4WD, 540 LPTO
Ford 555B Tractor Loader Backhoe w/Cab, Fresh Motor
Ford 2110; (5) Ford 8N; (5) Ford 9N; Ford 900; Row Crop
Ford 8600; MF 65 w/Ldr; JD 3020 w/Ldr.; JDA
Kubota L2850, 4WD, 3 Pt , PTO w/Front Blade
Kubota L4150 Loader Backhoe, 4WD, 600 Hours
NH 555 Skid Loader, 1,900 Hrs., Diesel, Good
Grasshopper, Diesel Engine, Mower & Catcher
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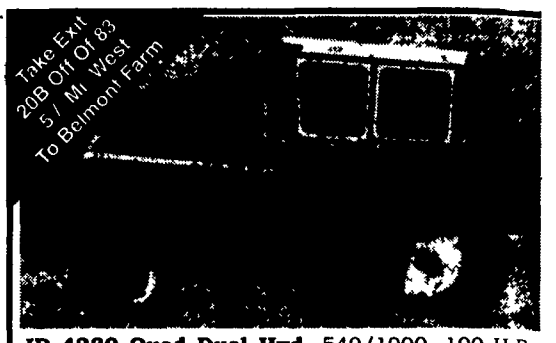

JD 4230 Quad Dual Hyd. 540/1000, 100 H P, Very Nice Cond. **$10,500**
Also Available:
JD 4440, CAH, power shift, nice..... ..... **$21,000**
JD 4020, diesel, WF, old style..... **$7,800**
JD 3010 Gas, narrow front... ..... **$4,000**
JD 620 w/loader..... ..... **$3,300**
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weather guard
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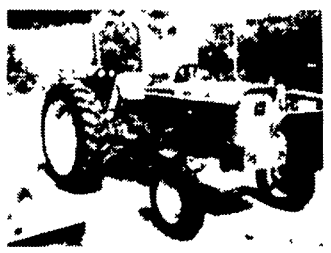
Gledhill Leaf Vac. Ford 4 Cyl. Gas, C&P, Good Cond. $2,750

All Types New & Used Snow And Ice Control Equipment

UTILITY TRACTORS



JD 2030 Diesel, 3 Pt., PTO, WFE, C&P, OROPS, Nice Tractor, $8,500

1987 Ford 6610 Interstater; 1980 Ford 6600 Interstater; 1984 Ford 6610 w/Rotary Side Cutter; 1986 Ford 340; Case IH 585; 1986 Case IH 485; All Diesel - All 3 Pt Hitch, PTO, OROPS, PS & WFE

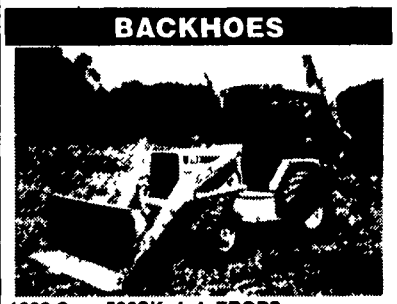
FORKLIFTS

Hyster 3 Whl, LP, Air Tires, 2,800 LB
88 Gehl 663, AWD, AWS, 6,000 LB, JD Diesel, 37', Very Good Cond.
TCM FG-25 Forklift, 5,000 LB., Cab, LP, PS, Air Tires

COMPRESSORS & GEN SET

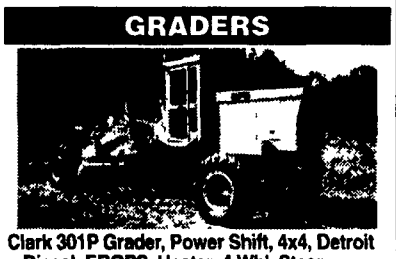
(2) 1997 IR 185XP CFM, JD Diesel, Low Hrs. Starting at $8,000
1980 IR 175 CFM, JD Diesel, Brakes, Hose Reels, Nice, $4,900
1980 IR - 185 CFM 4 Cyl., JD Diesel, Good Cond. $4,900
IR 20KW Gen Set, JD Diesel, $8,500

BACKHOES



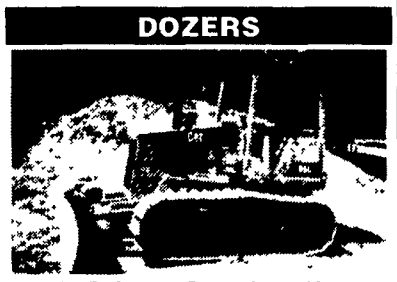
1993 Case 580SK, 4x4, EROPS
(3) 1994 Cat 416B, 4WD, Extndo, EROPS
JD 210C, 2WD, OROPS
JD 9300 Hoe Attachment For 450C
(2) Gradall 440, Remote, Detroit Diesel Up & Down
Gradall 660, Remote Diesel Up & Down
Gradall 440, Remote, Gas Down, Diesel Up
Kubota KH026 Mini Excavator, OROPS, Diesel, Rubber Tracks, Dozer Blade $11,500

GRADERS



Clark 301P Grader, Power Shift, 4x4, Detroit Diesel, EROPS, Heater, 4 Whl. Steer
Huber Maintainer M650, diesel, wide tires, front blade
Huber Maintainer 500, front blade, PS $6,500

DOZERS



1988 Cat D4C 6 Way Dozer, Good UC, OROPS
1988 Cat D3C 6 Way Dozer, Exc. UC, $25,500

SWEEPERS

(1) 7' York Power Broom, 3 Pt., PTO
(1) YBWB 3' York Broom, 5 HP, Gas Engine, Walk Behind

LOADERS

(2) Cat 920, EROPS, C&P
Clark 45C, Det. Diesels, EROPS, Coming In

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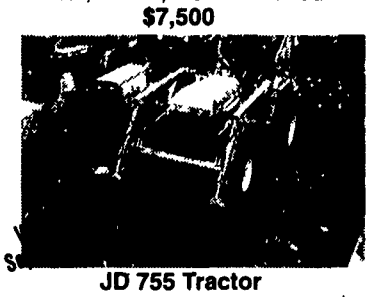
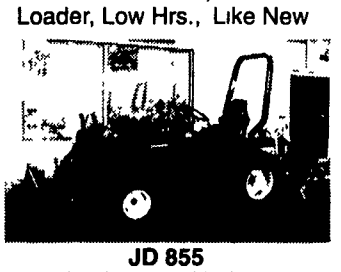
Kubota L3350 4x4 w/Loader
Hyd. Shuttle Shift, New Bucket, New Ag Tires

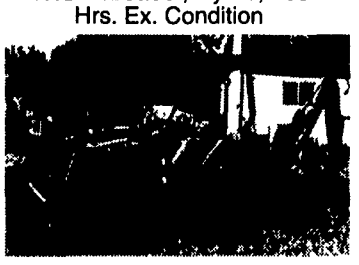
Kubota B7100 w/Loader, 4WD, 16 HP, Reconditioned
$7,500



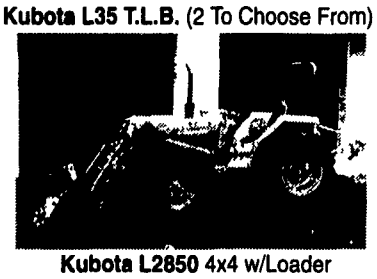
JD 755 Tractor
w/Loader & Backhoe, New JD 70 Loader, Low Hrs., Like New



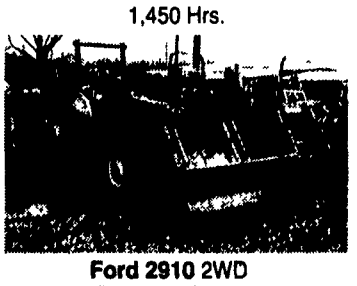
JD 855
4WD w/Loader, Hydro, 700 Hrs. Ex. Condition



Kubota L35 T.L.B. (2 To Choose From)



Kubota L2850 4x4 w/Loader
1,450 Hrs.



Ford 2910 2WD
w/Industrial Loader
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4 ft. to 7 ft.

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USED 25 HP & UP TRACTORS

(2) Kubota L35 TLB's
Kubota L3450 4WD S.S, Ever Clutch w/Loader, 800 Hrs.
(2) Kubota L3600 4WD w/Loaders, 400 to 1000 Hrs.
Massey Ferguson 150 w/Loader
(2) Kubota L2250 4WD w/Loaders, 300 & 800 Hrs.

USED 15 TO 24 HP TRACTORS

(2) Kubota B2150 4WD Hydros w/Loaders
Kubota B8200 4WD Hydro w/Loader & Hoe
Kubota B7100, Gear, 4WD
Kubota B6100 Gear, 4WD
Kubota B-20 TLB 2 To Choose from
Kubota B4200 4WD w/44" mower & vac.
John Deere 855 4WD Hydro w/Loader 700 Hrs. (Ex. Cond.)

USED FRONT MOWERS

Kubota F2100 4WD, Hydro, 60" mower, 1600 hrs.
3 F-Series Mowers for Parts

USED LAWN & GARDEN TRACTORS

Kubota G4200 2WD Diesel, Gear, 44" Belly Mower, 500 Hrs.
Kubota T1600, 2WD Diesel, 44" Belly Mower, Hydro
Kubota T1400, 2WD, Gas, 40" Belly Mower
Wheel Horse 417A w/Mower & Blade
John Deere 425 w/54" mower (nice)

USED SKID LOADERS

Case 1840
Case 1835C

MISCELLANEOUS EQUIP.

Woods 750 Backhoe 3 pt. hitch mount w/Pump
Goosen Rak'n Vac, Demo
12' Used Woods Batwing Finish Mower
Work Saver Cement Mixer P.T.O., 3 pt. Hitch $900
5 & 6 ft. King Kutter Discs, 3 pt. hitch
6' used Harley Power Rakes

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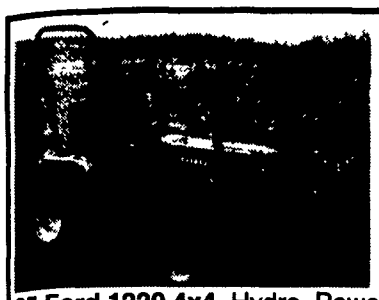
84" Landpride Rear Landscape Rakes..... **$600**
(Rear Wheel Kits for Landscape Rakes)..... **$175**
Landpride 11' L.P. Flex Wing Mower..... **$5,900**



95 Ford 1220 4x4, Hydro, Power Angle Snow Blade, 60" Belly Finish Mower, only 450 hrs., Like New.....$11,000

Ford 555B, 2WD, Open ROPS $13,000

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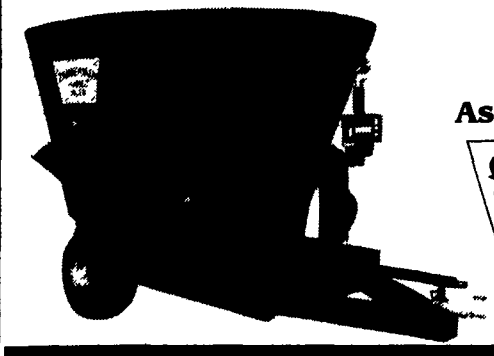

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Gehl 1560 Forage Blower
NH 716 Forage Box
IH 781 Harvester 2 Row, Pick-up
JD 3960 Harvestor w/Attach.

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Gehl 2170 Mower Conditioner
NH 495 Haybine
Hesston 6200 Self-Propelled 12 Ft.-V.good cond.
Hesston 1150 Mower Conditioner
Vicon 281 Disc Mower
Deutz Allis SM 70RC Disc Mower/Cond.

SKID LOADERS & UTILITY

Case 580C Backhoe
Gehl 4625 Skid Loader
(2) Gehl 4610 Skid Loader
Case 450B Crawler/Loader
Case 25+4 Davis Trencher
Case 1840 Uni Loader
Case 580K 4WD,Std. Hoe
(3) NH 455 Skid Loader
Ford 555B 4WD, Backhoe
Case 580K 4WD, Ext. Hoe
Gehl 3625 Skid Loader

MISCELLANEOUS

Gehl 315 Spreader
Artsway 800B Mixer Feeder
6'x12' Landscape Trailer
Landpride LR1572 Rake
Landpride RTA1042 Tiller
Landpride FDR1548 Rear Mower
NI 382 V Spreader
JD 1250 Mounted 4 Bottom Plow
Kubota BL60C 58" Tiller

TRACTORS

David Brown 1212
JD 4010 Tractor
Case 2094 Tractor
Case 995 Tractor w/Loader

LAWN & GARDEN

Case 224 Tractor w/Mower
White 18 HP Mower
White Field Boss 16
Kubota B1550 HSDB Tractor
Kubota B1550 DT Tractor
Kubota G1900 w/60" Mower
Kubota G5200 w/Mower
Ford YT16 Mower
JD 317 Mower
(2) Case 220 Mower
(2) Cub Cadet 1863 Tractor w/Mower
IH Cub Cadet 682 Mower w/44" Mower
(2) Kubota G1900 w/60" Mower & grass catcher.
Cub Cadet 1811 Mower

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TRACTORS
- Case IH 7120 MFD – $35,000
- Case IH 7120 MFD, Cab, (Like New)
- Case IH 5240 1200 Hrs.
- IH 2350 Loader
- Case 1690
- Case 2290
- IH 140
- IH 154
- IH 404
- IH 656 Hydro
- Case 830.....$2,000
- IH 966 Hydro
- IH 966 Turbo
- IH 2500 w/Loader
- Ford 6000
- Ford 6700
- D.B. 1200
- Farmall 300

HARVESTING EQUIPMENT
- NI 6200 Harvester
- Gleaner 20ft. Flex
- Fox Harvester Heads - 2 RN
- NI 702 Uni w/picker
- NI 844N Corn Head
- NI 846N Corn Head
- (2) NI 2-Row Corn Picker
- NI 713 Flex
- NI 813 Flex
- NH 790, Metal Alert, 2 Heads
- NH 7 ft. Hay Pickup
- NI 839 Husker
- NI 702 corn Sheller w/3RN Head
- JD Dump Box
- Gehl 710 Wagon
- JD Forage Wagon
- Badger 950 Forage Wagon

HAY EQUIPMENT
- Case IH 8455 Round Baler (like new)
- Case IH 8570 Baler
- NH Baler
- NI 486 Round Baler
- NH 848 Round Baler
- NI 4845 Round Baler Demo/Rental
- Kverneland Bale Wrapper
- (5) Hay Rack Wagon
- NH 1495 SP
- NH 499 Haybine
- Case IH 8360
- MF 9 ft. Mower
- IH 1190 Mower Cond.
- JD 1219 mower conditioner
- Hesston 8200 S.P. 12 ft.
- Hesston 1150 12 ft. Mower
- NI 290 Mower
- Kuhn 3 pt. Disc Mower
- Deutz Disc Mower
- Case IH 8330 Windrower
- NH Bar Rake
- JD Bar Rake
- Pequea Hay Tedder

TILLAGE
- Case IH 14, 5-shank Ripper
- IH 550 5 Bottom Plow
- MF 3 Bottom Plow
- JD 5x16 Trip Plow
- JD 3 Bottom Trailer Plow
- IH 4 Bottom Rollover
- Landoll 7-Shank Soil Saver
- IH 370 12 ft. Disc
- IH 20 ft. Disc
- 10 ft. Offset Disc
- Case IH 415 Cultimulcher
- IH 12' Field Cultivator
- JD 4 Row Cultivator
- IH 45 Field Cultivator
- JD 14 ft. Field Cultivator
- IH 14 ft. Disc Harrow

SKID LOADERS
- Case 1816C
- Case 1825
- 1994 Case 1840
- Case 1845C
- Case 580K Loader w/Backhoe
- (2) Skid Loader Backhoes 7 ft. & 9 ft
- Hyd. Post Hole Digger

MISCELLANEOUS
- Field Sprayer 45' Hyd. Booms (Like New)
- 5 ft. Snow Blower
- 6 ft. Snow Blower
- 9 ft. Snow Blower
- Schoessow Feed Wagon
- 52 ft. Portable Grain Auger
- Zimmerman 36 ft. Elevator
- 30 ft. Elevators
- (2) Gehl 1580 Blower
- NH 27 Blower
- Gehl 99 Blower
- IH 56 Blower
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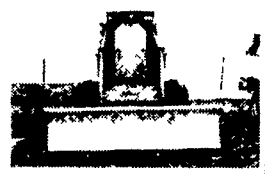

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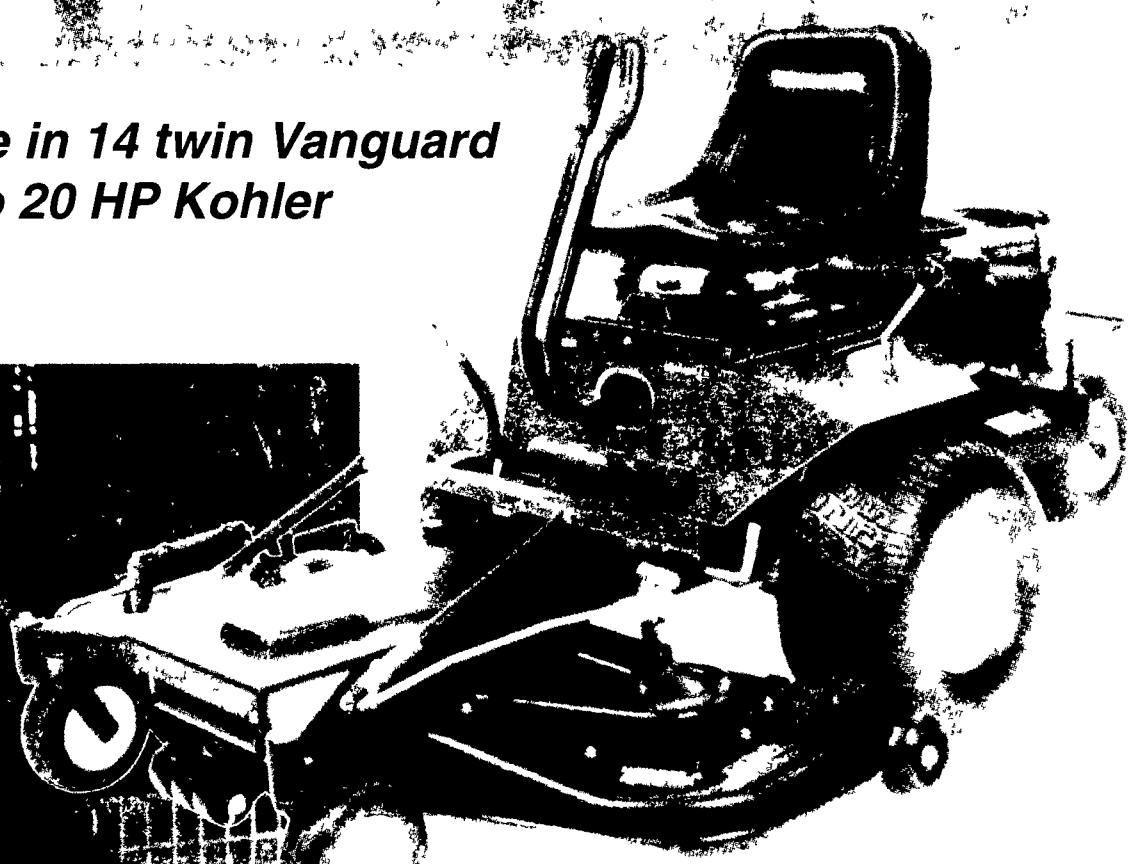

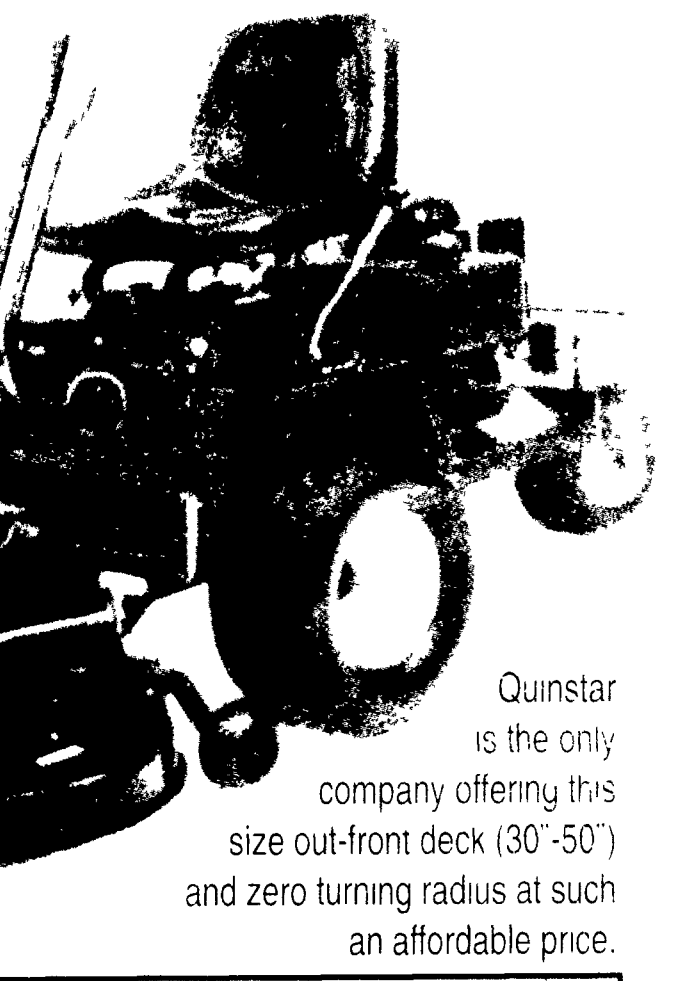

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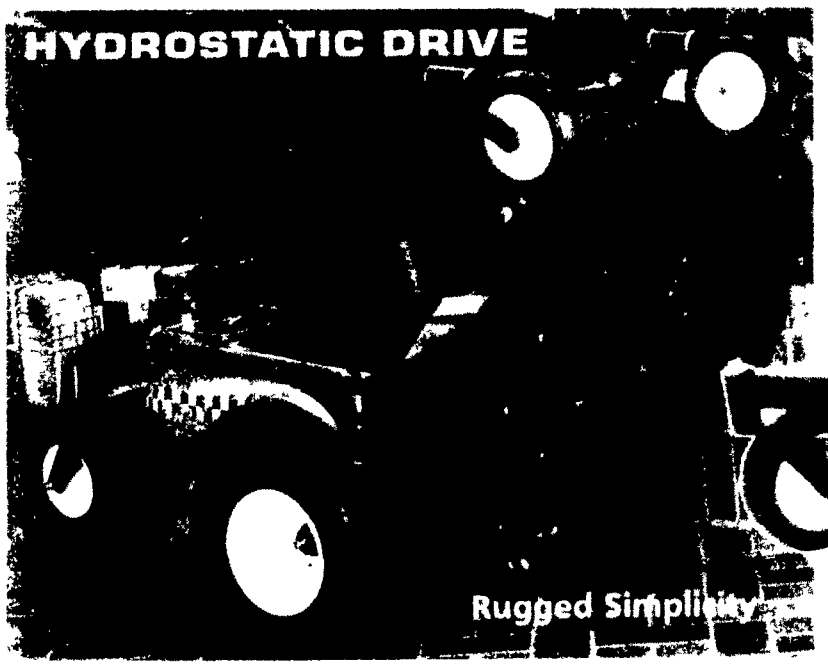

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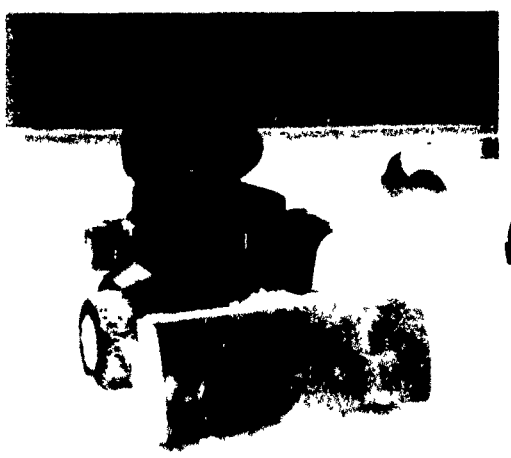

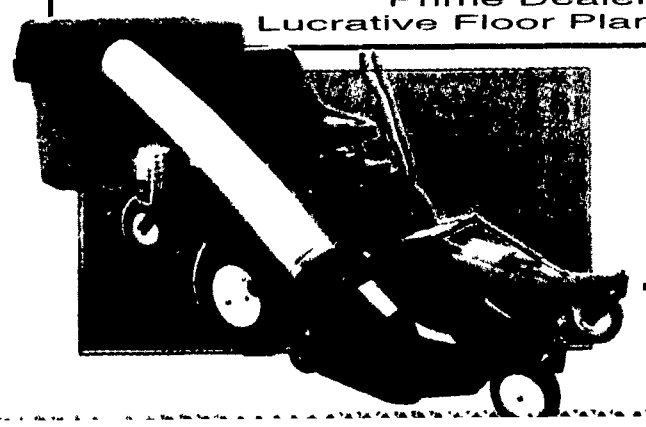

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Technology Transforms College Classes

UNIVERSITY PARK, (Centre Co.) – New technologies such as the Internet and video-conferencing are transforming the way the faculty in Penn State's College of Agricultural Sciences are teaching students – and the way students are learning.

The College's Council on Educational Technologies, which includes representatives from each academic unit, provides leadership for faculty and staff who are interested in adopting these technologies in their educational programs.

"Our mission is to collectively explore and develop the College's use of educational technologies is the classroom and beyond," said Al Turgeon, professor of agronomy, who co-chairs the committee with James Mortensen, associate dean for undergraduate education.

Turgeon has used the Internet's World Wide Web to teach beginning and advanced turfgrass science courses to students at both Penn State Berks and Rutgers University. This spring, he will teach two courses through Penn State's World Campus, a University-wide initiative to offer education programs through the Internet and other new information technologies.

"Students anywhere in the world will be able to take this class," he said. "Materials will be available on the Web, and we also will provide a CD-ROM of graphics for students who live in places with slow Internet connections. Eventually, we hope to offer a complete series of turfgrass science courses. We're hoping our courses can serve as a model for future World Campus offerings from our college."

Robert Weaver, professor of agricultural economics, has used the Web extensively for the past three years to teach a course on commodity markets and prices. "It's an incredible resource," he said. "In the past, we had to read yesterday's market news in print media. Today, students use the Web to retrieve current auction data within minutes. The role of the textbook has changed as the Web offers a dynamic, rapidly evolving knowledge base about market operation and performance."

Weaver said using the Web to guide students through his course also makes it easier for them to learn in their own style and at their own pace. However, he noted, using the Web is not a "hands-off" teaching method. "Instead, faculty must be intimately involved in teaching as a one-on-one guides along individualized learning paths," he said. "The Web just gives students more flexibility in how they learn."

Charles Heuser, associate professor of horticultural physiology, is using the Web to teach an introductory course in wood plants to more than 130 students at both University Park and Penn State Berks-Lehigh Valley College. "Since last fall, the lecture portion of the course has been taught entirely on the Web," he said. "All of my lectures and notes are available to students to access when they need them. Important concepts, such (as) plant identification, plant features or diseases, are hyperlinked to one of more than 1,500 illustrations or photographs. Most students seem to love this approach, and the beauty of it is that they can access the materials from anywhere with a Web connection."

Students in a new senior-level course on food product development use computer-based learning technologies in a variety of ways. "We have supplied each student with a new IBM ThinkPad computer, which is integral to the way we offer this course," said Lam Hood, professor of agricultural sciences, who coordinates the course with Spiro Stefanou, professor of agricultural economics, and Ramaswamy Anantheswaran, associate professor of food science. "The Students are organized into teams in order to solve food product development problems. They use the computers to communicate with each other, with the faculty and with industry experts who are serving as student resources for the course."

Some professors are using other educational technologies. PicTel, a teleconferencing system that transmits live video images over phone lines onto a computer screen, lets users see and talk to each other in real time.

Gary Rogers, associate professor of animal science, uses it to deliver an animal science seminar course on genetic principles. "This course is a collaborative effort between Penn State, Cornell University and the State University of New York at Cobleskill," Rogers said. " A series of genetic experts deliver seminars at Cornell while students at Penn State and Cobleskill participate via PicTel. This gives students a chance to have direct interaction with these experts even though they're hundreds of miles away."

A variety of other uses of educational technology soon will be applied in the College's undergraduate classes and extension programs. Robert Weaver maintains a Web page that highlights the College's educational technology use at http://cac.psu.edu/~r2w/edtech.html.

Pesticide Disposal

LANNAPOLIS, Md. – In 1998 the Maryland Department of Agriculture (MDA) is offering what may be a once-in-a-lifetime opportunity to dispose of unwanted, unusable, or unidentified pesticides at no cost to the farmer.

Over the years, as agricultural practices or health and environmental concerns have changed, some pesticides can no longer be used for their intended purpose.

These unusable pesticides effectively become hazardous wastes which are extremely expensive to dispose of.

Since 1995 the Maryland Department of Agriculture has obtained U S. Environmental Protection Agency grants to offer their extremely successful Pesticide Disposal Program. The program will be conducted once in each Maryland County.

The program is available to farmers and agricultural land owners who may have unusable agricultural pesticides stored on their properties. MDA will accept any material that has a USDA or EPA registration number or that can be identified as a pesticide.

The program is not open to pesticide dealers commercial applicators, and homeowners. MDA will not accept fertilizers, antifreeze, motor oil, or any materials that cannot be identified. There is no cost to eligible participants.

To participate, an application must be completed and returned to MDA by Jan 15, 1998. An MDA inspector will contact you to arrange a visit to verify the type and quantity of pesticide you have or to take samples of unidentified pesticides. Once all pesticides have been verified/identified MDA will contract with a hazardous waste hauler to pick up and dispose of the materials by June 1998.

It is not illegal to have unusable pesticides in storage and no regulatory action will be taken as a result of Pesticide Disposal Program participation.

For applications or additional information, contact the Extension Office or the Maryland Department of Agriculture at (410) 841-5710.

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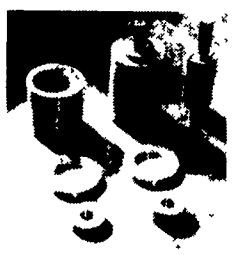

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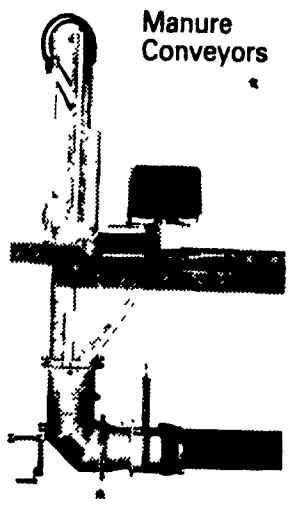

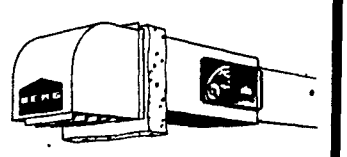

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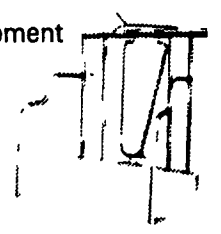

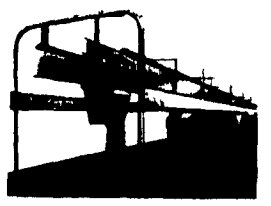

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Future Is Still Rosy For Most Ag Graduates

UNIVERSITY PARK (Centre Co.) – For those about to enter college, choosing the right educational path to prepare for employment in the 21st century can be a challenge.

The average worker is likely to change careers at least three times during his or her lifetime, and many industries that appear to be thriving today could be downsizing or filing for bankruptcy tomorrow. Graduates in the agricultural sciences, however, have reason to be optimistic about job prospects.

A report compiled every five years by Purdue University and the U.S. Department of Agriculture estimates that nearly 48,000 jobs in the food, agriculture, and natural resources system will open yearly into the 21st century, while universities will produce only about 45,600 qualified graduates. This five percent shortfall translates into employment opportunity for those majoring in agricultural sciences.

Strong career fields include marketing, merchandising and sales. In addition, food processors and forest product firms seek graduates with scientific and technical expertise in product development. Experts in managing water, land and other natural resources can expect strong demand for their services as well.

While not every graduate can immediately trade their cap and gown for a suit and tie, Penn State's 1994-1995 placement statistics for the College of Agricultural Sciences show that two-thirds of its graduates had secured jobs in fields related to their majors three months after graduation. Those with master's and doctoral degrees have even higher placement rates. Average starting salaries for agricultural careers range from $21,000 for those with bachelor's degrees to $27,000 for graduate degrees. Within certain industries, starting salaries can be much higher. For example, the average starting salary for food science baccalaureate graduates is more than $30,000.

Industries within the U.S. food, agricultural and natural resource system have not been affected by recent economic trends. Food-related companies continue to consolidate, forcing smaller, less efficient competitors out of the business. Companies that restructure may need fewer workers, but those that are hired must be well educated.

Certain sectors of the agricultural job market will be particularly strong over the next five years. About 30 percent of the available jobs for agricultural graduates will be in marketing and sales, which is likely to have an 11 percent employment deficit–the largest shortfall. The social services will face a six percent shortfall in qualified graduates.

Nearly two-thirds of the job openings will be for dietitians and nutritionists. A 4.5 percent deficit is expected in the science and engineering sector, where demand will be strongest for food scientists, food process engineers, forest product engineers, and food quality control specialists. Managers and financial specialists will see a tighter job market, but opportunities will still exceed graduates by about 2.5 percent.

Sectors of the job market that will be much more competitive include communication and education, which will have a tour percent surplus of graduates, and agricultural production (farming, aquaculture, etc.) with a nearly seven percent surplus. While the national trend toward reducing the size of federal and state government will mean fewer opportunities for graduates seeking traditional careers with public agencies, many smaller private-sector businesses are expected to provide some of the services once offered by governmental agencies.

Contest Makes A Better Cup Of Cider

COLUMBUS, Ohio — The 9th Annual Apple Cider Quality Contest will help Ohio's apple growers make better cider, said Winston Bash, director of Ohio State University's Food Industry Center and the contest's coordinator.

The contest, conducted by the Ohio Fruit Growers Society, will take place Feb. 4-6 at the 1998 Ohio Fruit and Vegetable Growers Congress in Toledo.

All 145 cider producers in the state can enter up to three samples in the contest.

"Anyone, whether they're a large producer or they produce cider only for their own consumption, can enter the contest," Bash said.

Each entry must be submitted with detailed information about how it was produced, such as production equipment used, apple varieties blended, cider storage methods, use of apples dropped on the ground, type of washing system, cider pasteurization, and use of preservatives. The samples are then judged for taste and quality by a panel of four to five industry experts and invited guests, Bash said.

Once the samples are judged and ranked, the production techniques of the top five samples are sent to growers, along with the production information of the other samples, to help suggest what produces high-quality cider.

Production techniques can really change the way cider tastes, Bash said. It is usually better to store apples that produce cider in a controlled atmosphere rather than in a cooler. Apples used in production that are too mature or too immature impact flavor.

"It's also a good idea to blend the flavor of three to five different apple varieties together to give cider a well-rounded, sweet-and-sour taste," he said.

Using apples that fall on the ground is discouraged because E. coli bacteria can contaminate the dropped apples. The cider industry is working to eliminate any possible bacterial outbreaks.

"The cider contest is a way to further promote cider consumption and raise cider quality in Ohio," Bash said.

There is a $10 entry fee for each submitted sample. All cider must be delivered to the Congress registration desk between 10 a.m. and 5 p.m. Wednesday, Feb. 4. Preferred samples are one-half gallon of thawed or fresh cider in a plastic container. Usually about 50 samples are entered in the contest, Bash said.

The Gold and Silver Award winning cider will be available for tasting Friday afternoon Feb. 6 at the Congress. The winners will receive plaques.

A contest application and copy of the rules can be obtained from Diane Miller, horticulturist at Ohio State's Ohio Agricultural Research and Development Center in Wooster, (330) 263-3824, or from the Ohio Fruit and Vegetable Growers Association, (614) 249-2424.

The 1998 Fruit and Vegetable Growers Congress is being held at the Toledo SeaGate Centre in conjunction with the Roadside Marketing Conference and, for the first time, with the Ohio Grape-Wine Short Course.

Students Learn to Build A Future Through FFA

ALEXANDRIA, Va. — "Agriculture offers tremendous opportunities for young people," said National FFA Adviser Larry D. Case, "and FFA helps them find direction and purpose. Even if they decide not to pursue one of the 2000 careers in the business, science and technology of agriculture, they will benefit from the public speaking skills, career experience, and leadership skills they gain from the FFA."

FFA members across the United States, Guam, Puerto Rico, and the Virgin Islands will organize events and activities to build awareness of agricultural education and support for FFA during National FFA Week, Feb. 21-28. National FFA Week is held each year during the week of George Washington's birthday to recognize his leadership and commitment to American agriculture.

This year's theme, "FFA–Building the Future," promoted through communities nationwide, emphasizes how FFA enables students to develop leadership skills, confidence, and the values that have made America strong. They possess the knowledge and career experience to make valuable contributions that will carry the agricultural industry and the nation into the next millennium.

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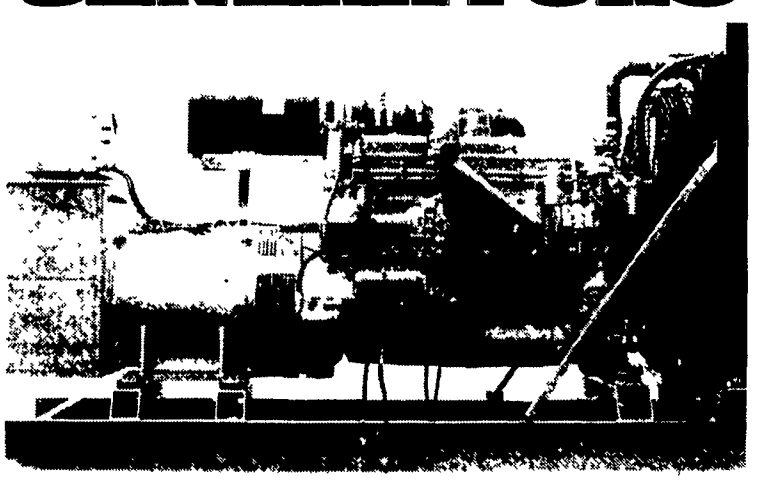

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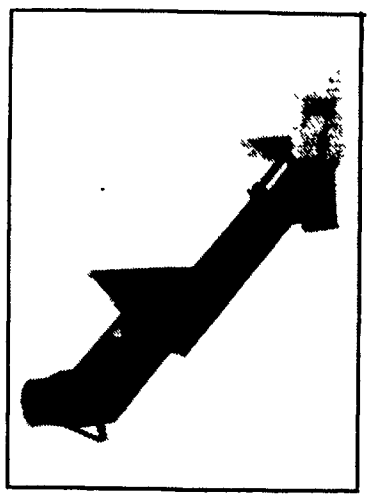
BUSINESS ◆ NEWS

J-Star Offers Piston Pump Line

FORT ATKINSON, Wis. – J-Star Industries offers a lineup of economical and dependable piston pumps.

The J-Star line combines the best features of the company's Nesseth® and Van Dale® Waste Handler pumps.

J-Star piston pumps are built extra heavy to provide maximum pumping power and years of service. Their hollow cast iron piston is encased in a formed-steel chamber for increased durability and longevity. The pump itself is designed with minimal moving components for trouble-free operation.



J-Star piston pumps are built extra heavy to provide maximum pumping power and years of service.

Three different models of piston pumps are available. Model 207 is designed to handle average installations with pumping distances of 140 feet. Model 215 is equipped to pump manure in liquid or semi-liquid systems. Model 307 has an extra rugged helical gear drive that can tackle extra long pumping distances.

Built to offer a broad range of capabilities, J-Star's piston pumps transfer bedded or liquid manure up to 50 cubic feet per minute. The actual pump serves as its own concrete form so its installation does not require any complicated or expensive concrete forms or holding pits.

Produce Auction Announces Events

KUTZTOWN (Berks Co.) – The Education Committee of the Kutztown Produce Auction, in cooperation with Penn State Cooperative Extension, has announced a series of educational meetings for vegetable growers and roadside stand operators.

The popular vegetable study circle meetings will continue in 1998. A study circle is a participative meeting format where growers discuss issues of concern, such as vegetable production. Usually an expert is invited to lead the discussion and keep the group focused on the topic. The study circle format is like having an informal conversation with other growers similar to yourself. Rather than just listening to a lecture, study circle participants ask questions and add their expertise to the discussion. It is also a great networking opportunity.

The first study circle meeting will focus on the drive-through functions of the produce auction. "Getting the Most From the Drive-Through Auction" will be held on Jan. 8 at 7 p.m. at the Kutztown Produce Auction. Learn how other growers and auctions are using this system and offer your input on how the drive-through can be improved.

"Gear Up For Transplant Production" will be the topic of the March 12 meeting. This discussion, which will be lead by Dave Eastburn of Gro n' Sell, Inc., will focus on vegetable transplant production. On April 16 "Marketing Your Farm Market" will be presented. John Berry, multi county ad marketing agent for Penn State cooperative Extension, will lead this discussion with a panel of farm market operators.

All study circle sessions begin at 7 p.m. and are held at the Kutztown Produce Auction building.

The Kutztown Produce Auction Annual Educational Meeting will be held on Feb. 13 at 11 a.m. at the Fleetwood Grange Hall. This meeting will provide information to growers and buyers on auction policies and will include a panel discussion on how to be successful selling at an auction, and how auction procedures and policies can be improved. Speakers will include key personnel from other produce auction. In addition, growers will be able to visit with local suppliers and learn about new products.

For more information on the study circle meetings or the annual grower meeting, contact Herb Gebely, Kutztown Produce Auction Manager, at (610)683-7161 or Judith Schwank, extension agent for Penn State Cooperative Extension, Berks County, at (610)378-1327.

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Quick-attach headers are engineered for both the Gleaner Silver Series Rotary combines (R42, R52, R62, R72) and the C-Series convention combine (C62).

Here's a quick review of each header, by model number and type.

•Model 400 Pickup Header. The model 400 pickup header is available in a 13-foot width. It is designed for harvesting windrowed crops, where extra drying time is needed and the crop cannot be harvested in standing condition. The Model 400 has a real drive with optional hydraulic drive. It is 24 inches in diameter with a 30-inch pitch.

•Model 600 Draper Header. The Model 600 draper header, available in 25-, 30-, and 36-foot widths, is designed to improve cutting, gathering and feeding performance in all small grain crop conditions. "The draper conveying system allows the crop heads to face the same direction during the gathering phase," said Jerry Weaver, general marketing manger, Gleaner combines. "This creates a smooth crop flow into the combine for better harvesting efficiency and more acres covered in a day." The Model 600 is available with three reel formats–bat, universal, and polytine pickup. It uses a multi-piece knife assembly with heavy-duty guards and overserrated bolt-on sections. Cutterbar and draper angle adjusts from 7 to 14 degrees.

•Model 700 Rigid Heater. The Model 700 is a rigid header that has been "beefed up" for high capacity harvesting. It is available in 25-, 27-, and 30-foot widths. Design modifications include a new cutterbar position, larger conveyor and faster auger to prevent crop material from standing in front of the conveyor and to increase feeding capacity. Equipped with a 38-inch diameter, 5 bat metal reel, the "high capacity" head is driven hydraulically. The smaller diameter reel has additional brackets to position the bat at a "standard" or "pitched" 8.5 degrees. By reducing the diameter of the reel by five inches, the crop flows easier from the cutterbar. These features combine with four-inch longer curved reel arms improve gathering and feeding performance.

•Model 800 Flex Header. Moving the cutterbar forward four inches also improves feed capacity and crop flow in heavy conditions. Auger speed has been increased to 165 rpm and longer 3/4-inch adjustable fingers convey the crop to the feeding system. The Model 800 flex header is designed for contour or unlevel fields. It is available in a range of widths — 15-. 16-. 18-, 20-, 22-, 25-, 27-, and 30-foot.

The drive system is hydraulic. Height and cutting range controls are electro-hydraulic. It has a speed range of 0 to 72 rpm and a sickle stroke of 3 inches. The cutting range is - 15 inches to plus 48 inches.

•Model 900 Stripper Header. The Model 900 stripper header, available in 20-, 22.5-, and 25-foot widths, is designed to harvest cereal grains, wheat, oats, barley, rye, flax, grass seed, peas and canola. It features a unique "Keyhole design: that strips dry grain directly from standing stalks. "This allows the crop to be harvested earlier — just as soon as the grain is dry," said Weaver.

Since the header strips grain directly from the stalk, moisture-heavy stems and weeds can be kept out of the machine. "This improves harvesting efficiency with easier separation, higher quality grain and less wear and tear on threshing parts," said Weaver. "Also, the operator can start earlier in the day, run later in the evening and cover more acres, often at faster ground speeds."

The stripper header supports conservation farming practices in areas where growers want to leave a maximum amount of undisturbed residue in the field to conserve soil moisture or reduce erosion between crops seasons.

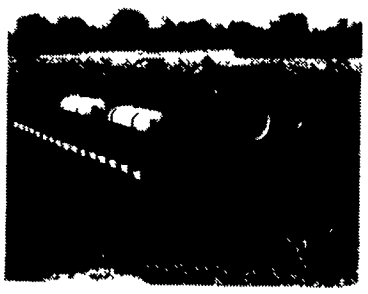
The Model 900 operates with a rotating drum called a "stripper rotor" that has six rows of comb-like teeth, each with the key-hole design at the base. The drum rotates to engage the crop in an upward sweep. Plants are raised, heads are stripped in the key holes and grain is moved to an auger trough that delivers it to the combine for threshing.

Planter Designed For Sugarbeet, Edible-Bean Growers

MOLINE, Ill. – Responding to sugarbeet and edible-bean grower requests for a heavy-duty and high-tech planter designed especially for their needs, John Deere has introduced the 16-row 22-inch John Deere 1780 Max Emerge®Plus Planter.

The 1780 Planter features the MaxEmerge Plus row unit, John Deere's latest design that provides increased accuracy and easier adjustments. It is also the industry's strongest row-unit. Standard seed hopper capacity is 1.6 bushels; 3-bushel hoppers are available as an option.

The wings on the tree-section, front-fold planter frame flex 8 degrees up and down (relative to the center section) for ground-hugging performance and accurate planting depth. Six 11Lx15 tires support the frame during planting. Optional 31x13.5 tires provide up to a 26-percent larger footprint for planting in sandy or well tilled soils.



The John Deere 16-row 22-inch 1780 MaxEmerge® Plus Planter features SeedStar™ variable-rate drive as standard equipment. The operator can select from up to six planting rates on-the-go, at the touch of a button.

Each 1780 planter comes factory-equipped with SeedStar™ variable-rate drive. Producers can select up to six seeding rates on-the-go, at the touch of a button. The operator can easily reprogram any of the six rates with a few simple key strokes on the GreenStar™ display in the cab. Two hydraulic motors provide a half-width disconnect.

The VacuMeter™ seed-metering system is standard. Growers can also choose optional finger-pickup, feedcup, or new radial-bean meters.

Low profile tri-fold markers on the 1780 Planter provide a transport height at 10 feet 11 inches. Transport width is 15 feet 11 inches. For convenience, one selective control valve (SCV) lever activates folding, all without the cab.

Additional options on the 1780 Planter include a pneumatic, central down-force system that's infinitely variable up to 400 pounds. The system provides the convenience of a single adjustment to simultaneously set the down-force for all of the row units, a force that remains constant through the full range of row-unit travel.

Hybrid Produces 235 Bushels Per Acre

LANDISVILLE (Lancaster Co.) – A northern New Jersey farmer has reported and certified an exceptional corn harvest using a NK® Brand corn hybrid in his field in Warren County.

This past spring, Jacob Bilyk planted Maximizer 607 with KnockOut™ built-in corn borer control, a NK® Brand corn hybrid available exclusively from Hoffman Seeds. Thirty-thousand plants were sown per acres in 30-inch rows, which Bilyk said, he "topdressed to give them a little boost."

As a result, Maximizer 607 produced a certified yield of 235.006 bushels per acre (harvested at a 27 percent moisture rate and calculated down to 15 percent moisture). Bilyk is now a competitor in the National Corn Growers Yield Contest in the category of "Top Yield for 1997."

New to farmers, Maximizer 607, has a relative maturity of 115 days and is suitable for all soil types. Max 607 has very good tolerance to Stewart's Wilt, common rust, and northern and southern corn leaf blight.

It provides farmers with high test weights and superb grain quality, drought and heat tolerance, excellent control of first generation and strong control of second generation ECB, excellent early vigor and growth, and excellent tip fill and husk coverage.

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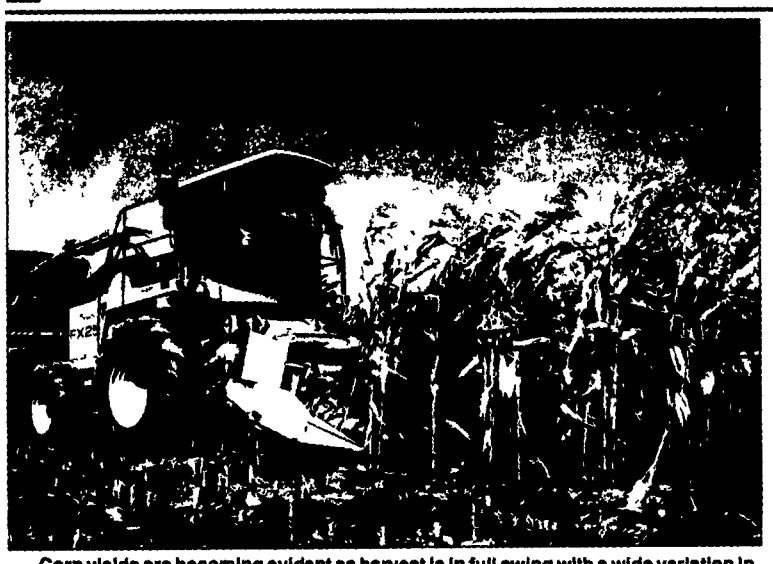
CORN TALK

Corn Talk, Lancaster Farming, Saturday, October 11, 1997



Corn yields are becoming evident as harvest is in full swing with a wide variation in yields because of weather conditions. Clarence Hoover runs the silage harvester on the John S. Nolt farm north of New Holland.

New PMCGA President Wants Vote On Corn Checkoff

ANDY ANDREWS
Lancaster Farming Staff

SHELOCTA (Indiana Co.) — Chris Kimmel is steadfast about his plans.

The new president of the Pennsylvania Master Corn Growers Association (PMCGA) intends, within the next two years, to put a referendum before the state corn growers.

That referendum will address the question will Pennsylvania have a corn checkoff?

Already, the PMCGA knows the direction it must take. At the Crops Conference in Grantville early this year, corn growers [illegible] ballo[illegible]ly in crops, including about 800 in corn. The passing of a checkoff, calculated at point of sale and based on a similar program in Maryland, would mean a lot to the commercial growers who want to see better promotion of the product, in addition to money for research at land-grant universities. (Those same universities are already experiencing the withdrawal of government money — those dollars have to come from somewhere.)

This is the first time Kimmel has served as president of PMCGA, although he has served as vice president for a few years. He serves on the corn checkoff committee in the

CORN TALK

PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.

Corn Talk, Lancaster Farming, Saturday, January 25, 1997—Page 1

More Than 300 Attend Crop Field Day At Long Acres

Soil Penetration, Loosening Help Improve Corn Standability

Conservation is evident on the Long Acres Potato Farm, Tionesta. A field day at the farm showed visitors the importance of tillage and how to eliminate compaction.

ANDY ANDREWS
Lancaster Farming Staff

TIONESTA (Clarion Co.) — Despite rainy conditions, methods to improve water absorption and effective use of starter fertilizer allowed a corn producer here to garner 145 bushels/acre of shelled corn this season.

The partners that comprise Long Acres Potato Farm know what the challenges of the past growing season brought: a cool, wet spring followed by a wet summer followed by well, despite all that, the corn went in on time and did well.

About 350 corn growers and agri-industry representatives, including a large continent of Penn State extension staff, were on hand to show the results of Bt corn, corn variety trials, and use of starter and sidedress fertilizers at the Crop Field Day held at Long Acres in Septem- [illegible] one of

Beck said that the partnership uses a four-year rotation: corn, followed by soybeans or oats, followed by potatoes or wheat, then back to corn. The important thing to remember, noted Beck, is that the farm doesn't follow corn with corn.

"We also have learned to subsoil the ground to 18 inches deep and keep the soil real loose to benefit the root system," said Beck. Even in a dry year, he said, subsoiling is "very beneficial" for a healthier, more productive crop.

The wet weather this year was a real challenge. It "held us back in terms of subsoiling and tillage," Beck said.

What farmers are discovering, he indicated, was that the use of a starter fertilizer in the row with a lot of urea can have detrimental effects on a crop. The fertilizer can burn the root system.

What Long Acres has done is make use of a m[illegible]sphoro

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Undergraduates Bring Energy To Labs

UNIVERSITY PARK (Centre Co.) — Throughout the academic year, many undergraduate students work in the laboratories of faculty as participants in the Undergraduate Research Program in Penn State's College of Agricultural Sciences.

During the past two years, more than 50 undergraduates have learned many valuable lessons by conducting research projects. Research experience helps them gain experience, develop contacts and recommendations for graduate school and find career focus. Students return the favor by being unique assets to the research environment.

"One benefit is that they're an extra pair of hands that a graduate student can work with," said Robert Roberts, assistant professor of food science. In his lab, students usually start out doing clean-up and basic prep work until they demonstrate responsibility, Robert said.

When students move on to conduct experiments, they often begin by working on projects that are short-term, more applied and less scientific. "I'm able to give undergraduates projects that I know probably don't have a good chance of working out so we can get preliminary data without making graduate students worry about failing their thesis," Roberts said.

Undergraduate researcher Justin Comes, a senior in food science, agrees that undergraduates are ideal for conducting experiments that are not in-depth or involved enough for graduate students.

"Undergraduates can test the waters for future projects," said Comes, who is working on tomato compounds with Robert Beelman, professor of food science. "It's exciting. I get thrown a lot of new projects that may go on to become more sophisticated graduate student projects if they show promise. A lot of them don't work, though."

Come's favorite part of research isn't the experiments, but the interaction with faculty. Many undergraduate research supervisors take pride in their teaching skills and enjoy taking someone under their wing. "Just from personal experience, the lesson you get from faculty is that they're just as human as you—they make mistakes," he said. "It makes setting foot into the research world seem less intimidating."

The level of contribution that undergraduates bring to a laboratory depends on the individual student's capabilities and personality, but in general students make the transition from course work to lab work fairly easily, said Daniel Fritton, professor of soil physics. "They're helpful and have a lot of energy, he said. "They're an extra pair of hands and an extra mind—that is always helpful."

Undergraduates do consume more time and need more guidance because they're not as advanced as graduate researchers, but most faculty members are very willing to have them in their labs.

"We don't have to have undergraduates in our laboratories," Robert said, "We do it because we want to."

Miller to Keynote Ag Republicans

HARRISBURG (Dauphin Co.) – Lewis Miller, executive vice-president of the International Association of Fair and Expositions (IAFE) will be the keynote speaker at the 19th annual meeting of the Pennsylvania Ag Republicans. His presentation is "Where to Now?" The meeting will be at 3 p.m., Jan. 12 in Room B of the Farm Show Building, Harrisburg, in conjunction with the Pennsylvania Farm Show.

Miller is a graduate of Southwest Missouri State University, Springfield. Following service is the US Air Force, Miller served as farm service director of KWTO radio station until 1961. He worked for Empire Bank until 1966 where he created a farm credit department. Miller moved from that position to become general manager of the Ozark Empire Fair until 1979 at which time he accepted his current position with IAFE.

He is a recipient of FFA's coveted American Farmer Degree.

Miller has served as president of the Missouri Association of Fairs, president of the Midwest Fairs Association and numerous other organization. Mill serves as a member of the advisory board of the Ozark Empire Fair.

Pennsylvania Ag Republicans is an organization affiliated with the Pennsylvania Republican State Committee to encourage Republicans involved in agriculture to be active in the political process of the state. For additional information contact: Beverly Gruber, chairman, at 610-767-5026

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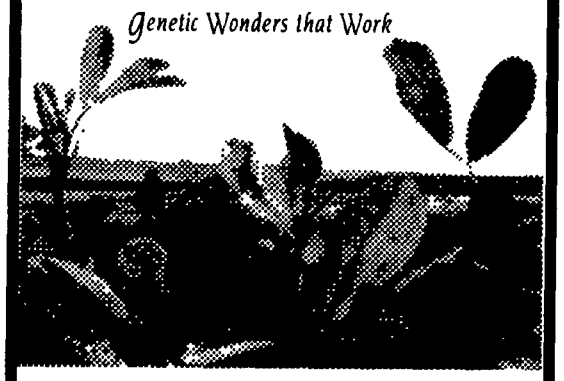

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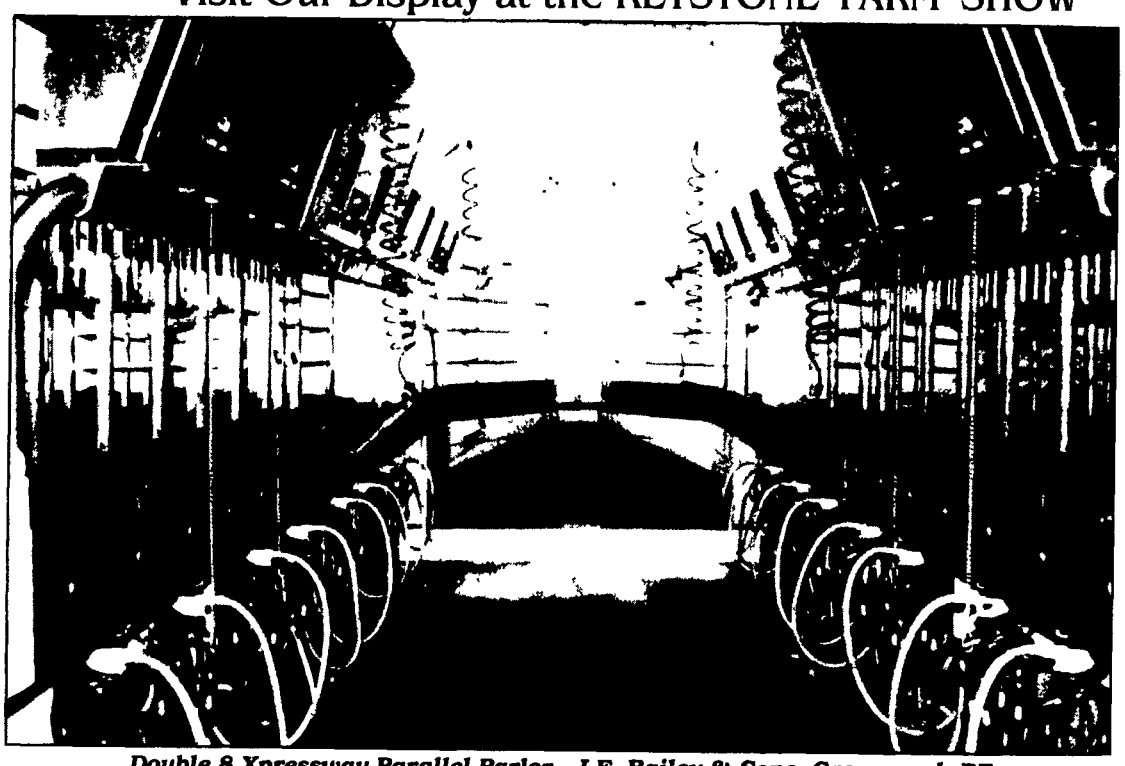

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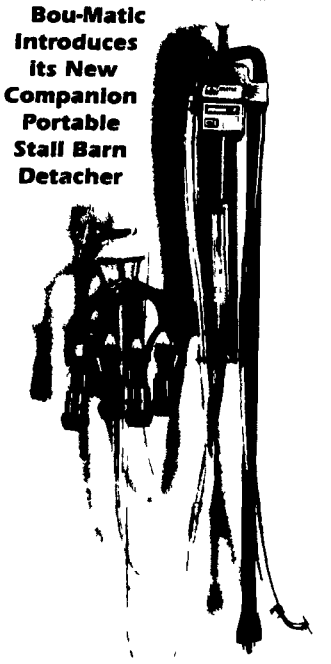

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Use Your Winter Wisely

Well, the cold weather has arrived and snow may soon be on its way. Another year's crops have been harvested. Field work is several months away. It's the time of year where we take a deep breath, reflect on the past year and look forward to the next with hopeful anticipation. Over the next few months, sit back, relax and enjoy the slow time of the year. You've earned it -- right? We can't plant or harvest, so what else could we possibly do?

Actually, there is much that can be accomplished during this time of year. For example, review last year's crop and livestock production performance and ask yourself a few questions. How did your actual performance compare to your goals?

What went well and what did not? What caused me to exceed or fall short of my expectations? Consider management changes you can use to improve performance. Determine which management practices were successful and think about implementing them again next year.

Consider completing an enterprise analysis, the process of reviewing the revenues, expenses and returns for a stand alone activity.

Examples of enterprises may include corn, soybeans, vegetables, dairy, heifers, cattle, market hogs, sows, layers, etc. What was your return or margin per hundred weight of milk sold, per pound of meat sent to market, per dozen eggs, per acre of crop produced?

Determine where you are spending your dollars and what return you are receiving. Which expenses and commodity prices can you impact? Consider how you can lower controllable costs

Use the results of this analysis in your decision making process. If you are considering the purchase of a piece of equipment or additional land, how will it impact your cost of production within the specific enterprise(s).

Complete the maintenance on your machinery and equipment and be prepared when the planting season arrives. Look at each piece of equipment and replace or fix broken and worn parts. Have your planters and sprayers calibrated ahead of time. Don't wait until you need to be in the fields to see if your equipment is ready.

Spend some time updating or developing a succession plan. This is the process of preparing individuals and your operation for the future transfer of management and ownership. When discussing this topic, most people think first of estate planning. If you already have an estate plan, review it and determine if it is still accurate and relevant. This should be done at least annually or whenever a significant change within the family or operation takes place.

If you do not have an estate plan, now is the time to put one in place. Remember that when drafting a plan, it is critical to use an attorney who is knowledgeable in estate planning.

Succession planning also involves preparing individuals for future management responsibilities. Involve key family members or employees in discussions and the decision making process in areas such as health programs, nutrition, finance, marketing and production. Include them in discussions with specialists such as the veterinarian, feed sales person, nutritionist, banker and accountant. Consider having them present an overview of the operation to the banker or accountant. Be sure to explain why a certain decision was made.

Remember that you must maintain an open mind to suggestions presented by these key individuals and take the ideas seriously. These ideas may not all work, be realistic or be implemented, however, it is part of the learning process. Begin by determining the key management responsibilities. Then establish methods for training, develop a time frame for initiating the process and develop benchmarks for tracking progress. You may even decide to involve specialists in the training as necessary.

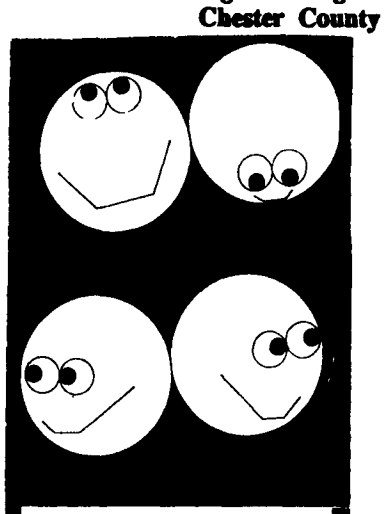
Take the time to evaluate your production, financial, personal, and family goals for 1998. Do you want to increase production, initiate a retirement plan, or spend more time with your family? Have your family members do the same and then share the results with each other. You may be surprised at what you learn.

Remember that any goal should be specific, measurable, attainable, rewarding and have a time limit. Once goals are established, develop an action plan and decide who is responsible and accountable for following through on the plan. Monitor your progress and results. Also, the goals should be part of and relate to an overall plan or vision for your family, the operation and you.

I am not sure of the original authors, however, consider these two familiar statements; "If you don't care where you want to get to, then it doesn't matter which way you go" and "If you don't take charge, change will take charge of you and you won't like it "

Management is a series of choices and each choice has consequences -- some are good and some may be bad. Determine your goals and establish action plans to reach them.

— Dennis Ginder
Farm Management Agent
Chester County



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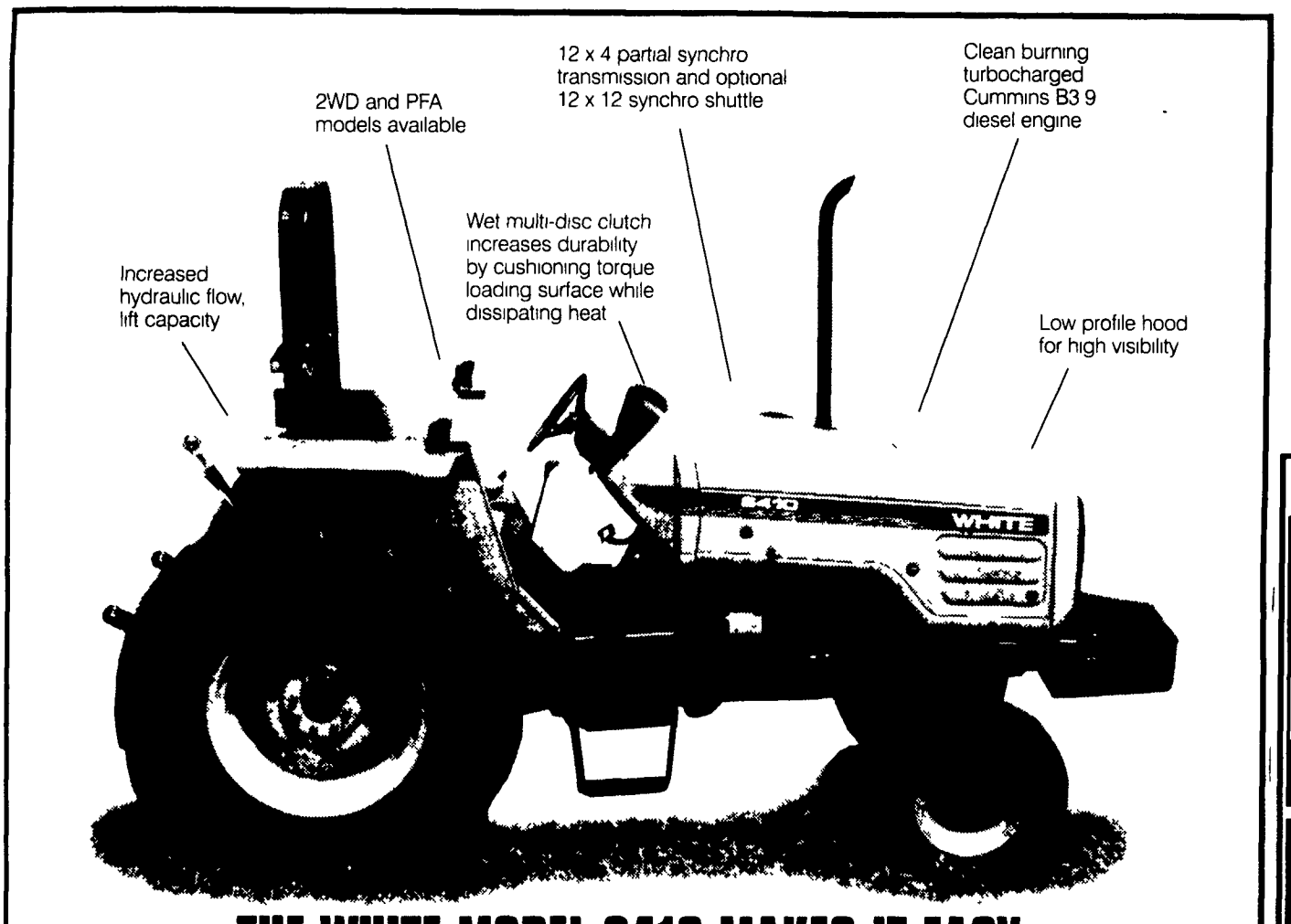
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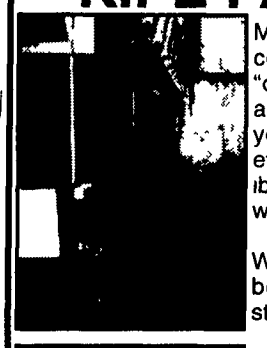

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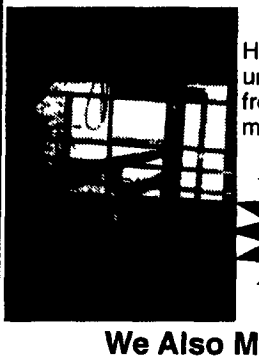

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Dairy Cattle Research	151	76 9	Holstein
US Naval Academy Dairy	147	65.9	Holstein
Baltimore			
Armacost Farms	112	69 2	Holstein
Steve Wilson	167	66 1	Holstein
Caroline			
Faithland Farm	211	82.9	Holstein
Hollingsworth Daniel 3	55	77 0	Holstein
Richard Edwards	197	73 0	Holstein
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Windsor Manor	78	88 0	Holstein
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Maple Lawn Farm, Inc	218	81 3	Holstein
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Marlin Hoff	672	79 1	Holstein
Cedar Knoll Farms	82	78 4	Holstein
Queen Acres Jerseys	162	77 2	Jersey
Garstlyn Holsteins	51	77 0	Holstein
Weant-Haven Farm	92	76 1	Holstein
Mike & Anita Haines	54	75 1	Holstein
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Cranberry Meadow Farms	168	74 3	Holstein
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Bryon D Stambaugh	88	71 3	Holstein
Close, Carl E	150	71 2	Holstein
Flint Hill Farm	78	70 3	Holstein
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Leaseway Holsteins	125	67 7	Holstein
Maryland Sunset View, Inc	321	67 2	Holstein
Geo and Daniel Fritz	76	66 2	Holstein
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R A S L Doody	73	65 0	Holstein
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Zion Meadows	103	68 4	Holstein
Wil-O-Mar Farm	96	68 3	Holstein
Long Green Farms Inc	127	68 0	Holstein
Staff-Herd Farm	90	65 8	Holstein
Frederick			
Wayne Z Tucker	174	90 3	Holstein
Hannahs Dist Springs Farm	58	87 7	Holstein
Dave & Carole Doody	129	86 4	Holstein
Paul & Karen Dotterer	85	84 7	Holstein
Paul K Coblentz & Sons	307	84 5	Holstein
Fir-Thorne	49	83 2	Holstein
Fir Thorne J	12	82 9	Mixed
Glade-Rock Farm	133	82 3	Holstein
Smith-Mead Farm	95	82.2	Holstein
Plain Four Farms	119	81.5	Holstein
Hobble-Hill Holsteins	78	80.9	Holstein
Dublin Hills Farm	13	80.9	Holstein
Fir-Thorne-B	39	80 4	Br. Swiss
Dublin Hills Swiss	61	80.1	Br. Swiss
K. Scott & Judy Hood	33	79.4	Holstein
Teabow Inc	398	78 4	Holstein
Twin Oaks Farm	115	75 7	Holstein
Wilcom, Donald L	29	74.3	Holstein
Enfield Farm	108	73.7	Holstein
Franklin M. Stottlemyer	53	73 7	Holstein
K Scott & Judy Hood	24	73 6	Br. Swiss
Clovertop Farm, Inc	81	73 5	Holstein
G Donald Shafer & Son	150	72 8	Holstein
Aldale Farm	67	72 4	Holstein
Grossnickle Farm Inc	275	72.1	Holstein
Hara Vale Farms	82	71 4	Holstein
Hollow Valley Farm	94	70 5	Holstein
Leigh Castle Holsteins	132	70 4	Holstein
Warner Bros Inc	178	70 3	Holstein
Arthur & Betty Tyeryar	108	70 2	Holstein
Taylor Made Farm	54	70 0	Holstein
Glenn Beard	79	69 1	Holstein
Jerry & Dawn Murphy	57	69 1	Mixed
Mike & Lisa Gaver	69	69 0	Holstein
Glen-Toctin Farm	120	68 8	Holstein
Catoctin-View Farm	72	68 3	Holstein
Md-Garden Spot Farm	89	67 6	Holstein
Snow Hill Farm	172	67 3	Holstein
Merhle C Flook, Inc	102	65 6	Holstein
Chuck Fry	124	65 6	Holstein
Garrett			
Philip Beachy	67	86 7	Holstein
Jerry L Yoder	70	84 1	Holstein
Wayne E Schrock	48	82 2	Holstein
Guards Farm Inc	61	77.3	Holstein
Menno J Yoder	60	76 8	Holstein
Fred Petersheim	57	76 5	Holstein
Piney Run Farms	128	75.3	Holstein
Paul Yoder	115	74 9	Holstein
Melinda Thomas	17	74.9	Holstein
Art Maust	46	73 8	Holstein
Ezra Schrock	34	72 8	Holstein
Mar-K Farms	74	72.6	Holstein
Ernest & Dan Ganoe	140	71 9	Holstein
Kenneth L Yoder	87	71 4	Holstein
Bender, Carl	119	71.2	Holstein
Paul & Henry Kinsinger	78	69 4	Holstein
Delvin Mast	191	68 2	Holstein
Glad Heart Holsteins	14	67 6	Holstein
Oren C Bender	136	66 8	Holstein
David W Yoder	46	66 5	Holstein
Calvin Schrock	50	65 8	Holstein
Tobie Kinsinger	26	65 7	Holstein
Harford			
Maroamo Farm	123	99 3	Holstein
Homelands Farm	56	85.4	Holstein
Eternal Flame Holsteins	165	78 4	Holstein
Hawks Hill Farm	99	77.8	Holstein
Highland Heights Farm Inc	153	74 4	Holstein
Harkins Hill Farm	169	74 2	Holstein
My-Ladys-Manor Farm	293	74 1	Holstein
Twin Del Farm	39	72 4	Holstein
JD & GE Miller	66	71 1	Holstein
Daniel & Patricia Magness	79	67 5	Holstein
Stephen C Trout	35	67.4	Holstein
Strawberry Hill Farm	159	66 9	Holstein
David Hopkins	71	66.5	Holstein
David M. Keyes	93	65.9	Holstein
Brick House Farm	228	65.7	Holstein
Ensor, Thomas P	85	65.1	Holstein
Howard			
David & James Patrick	156	83.1	Holstein
Paul F. Harrison Jr.	102	79.2	Holstein
Bowling Green Farm	144	75.6	Holstein
Merry Acres Farm	42	73.4	Holstein
University of Maryland	118	73.4	Holstein
Patrick, David & James	53	65.2	Holstein
Kent			
Lisa Reinhold	12	88.1	Mixed
Hills Dairy Partnership	159	83.3	Holstein
Jonas & Ruth Stoltzfus	82	80 9	Holstein
Fair Hill Farm Inc.	263	75 8	Holstein
McGuire Bros Inc	69	75.7	Holstein
Friendship Farms, Inc	98	75.1	Holstein
R&E Brink	67	73 6	Holstein
Howard McHenry	210	70 7	Holstein
Wm & Kathleen Schrodel #2	152	70 3	Holstein
Clover Leaf Farm	72	69 7	Holstein
Caw-Croft Dairy	83	69.3	Holstein
Greenwood Acres	80	68 4	Holstein
Wintacres	72	67 1	Holstein
Keith Dixon	21	66 5	Guernsey
Brick House Fm Inc	93	65 1	Holstein
Marva Ass'n			
Glad-Mar Farm Inc	176	65 8	Holstein
Montgomery			
Mendelssohn Terrace Farm	145	70 9	Holstein
Beneva Farms	72	70 1	Holstein
Rudell C. Beall & Sons	198	69 4	Holstein
Edwin R Johnson Jr	120	68.3	Holstein
Delaware			
Vossmon Farm	49	81.9	Holstein
Pot. Val. Ass'n			
True Vine Holsteins	75	80.2	Holstein
Brookedale Holsteins	100	78.4	Holstein
Ron-Ell Dairy Farm	72	68 9	Holstein
Cessna Bros Farm	63	67.4	Holstein
Queen Anne's			
Benjamin Stanton	61	82.7	Holstein
Lester C Jones, Inc	916	80 1	Holstein
Boone Brothers	160	78 8	Holstein
Donald W Skinner	113	78 1	Holstein
Charles R Patterson	141	74.6	Holstein
McFarland Donnie & Wayne	145	73 8	Holstein
William B Messix III	20	73 6	Guernsey
Pintail Pointa Farm	79	73 3	Holstein
L J & W E Palmatary	194	72 2	Holstein
F & J Moore	139	70 2	Holstein
Harry L Schrader & Sons	176	66 3	Holstein
Talbot			
Wm Brinsfield	59	74 9	Holstein
R Stanley Collier & Son	193	73 4	Holstein
Willis Snow & Henry	49	65 5	Holstein
Washington			
Kevin & Marlin Martin	72	84.1	Holstein
Curtis W Ausherman	99	74 9	Holstein
Debaugh Farms	89	74 9	Holstein
Marsh-Haven Farm	78	74 2	Holstein
Arthur Rhoderick	258	72 1	Holstein
Afton Spring Dairy	67	69 8	Holstein
Wilmer Ocker	67	69 0	Holstein
John & Cindy Burtner	33	68.1	Holstein
Magna-Vista Farm	79	67.8	Holstein
Pryor Brothers	87	67.3	Holstein
Michael Forsythe	26	67.0	Holstein

HIGH HERDS ECM BY BREED

AYRSHIRE

County Ass'n.	Herd Name	# Cows in Herd	ECM
Howard	David & James Patrick	53	65 2
Frederick	Vales-Pride	35	64 7
Carroll	Flint Hill Farm	11	59.6
Washington	Ralph W. Shank	109	59.6
Baltimore	William Warns Ayrshires	11	52 8

BROWN SWISS

County Ass'n	Herd Name	# Cows in Herd	ECM
Frederick	Fir-Thorne-B	39	80 4
Frederick	Dublin Hills Swiss	61	80 1
Frederick	K Scott & Judy Hood	24	73 6
Frederick	Dwayne & Miriam Bell	82	71 7
Carroll	Garstlyn Brown Swiss	38	68 5
Montgomery	Rudell C. Beall & Sons	14	63.5
Carroll	Ryan Bell	10	62.3
Washington	Frey, Fleming & Bassler	45	58.9
Washington	Rocky Haven Brown Swiss	13	50.2

GUERNSEY

County Ass'n.	Herd Name	# Cows in Herd	ECM
Cecil	Mt. Ararat Farms	40	78 7
Queen Anne's	William B. Messix III	20	73.6
Kent	Keith Dixon	21	66.5
Cecil	Pleasant View Gold Farm	27	64.4
Washington	Cletus & Janice Frey	31	59.4
Frederick	Anovadale Guernseys	41	49.3
Washington	Crown Stone Farm	67	46.5
Kent	Dogwood Lane Farm	55	44 6
Frederick	Walnut Ridge Farm	79	42 4
Frederick	Three Brooks Farm	78	42 4

JERSEY

County Ass'n.	Herd Name	# Cows in Herd	ECM
Cecil	Tol-Je-So Farm 2	17	84 6
Carroll	Queen Acres Jerseys	162	77 2
Garrett	Paul & Naomi Petersheim	34	57 9
Washington	Michael Forsythe	14	57 8
Carroll	Maryland Sunset View	68	57 5
Frederick	Gaywinds Farm	74	57 3
Frederick	Janessa Jerseys	23	56 1
Harford	Secret Hill Jersey	11	53.3
Frederick	Springfield Dairy	36	51.1
Carroll	Charles De Groft	59	50.4

Will Your Farm Show Up In Census?

ANNAPOLIS, Md. – Is your farm going to show up in the 1997 Census of Agriculture? If you are an Emu raiser, keep alpacas, raise cut flowers, grow specialty fruits and vegetables, breed horses and so on, there is a high likelihood that you won't be counted because the census gurus don't know you exist, according to Tony Evans of the Maryland Department of Agriculture's marketing section.

"However," he said, "you can get on the list by making a simple, toll free telephone call to the USDA's National Agricultural Statistics Service (NASS) at 1-800-675-0295. Your call will automatically be routed to the right state office which is handling the census for your state."

Evans explains that NASS this year picked up the responsibility for doing the Ag Census from the Census Bureau and inherited most of its lists of who farms from the Census Bureau. "These lists don't fully reflect the great changes in agriculture in this region," he said.

If you produce and sell $1,000 worth of ag products in a year, you should be counted. The ag census is done every five years and is the only detailed source of count-by-county ag information.

BUY, SELL, TRADE OR RENT THROUGH THE CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047
FAX 717-733-6058
Mon., Tues., Wed , Fri. 8 AM to 5 PM; Thurs. 7 AM to 5 PM

1a CONSTRUCTION EQUIPMENT

DISTMANTLING FOR PARTS: (1) AC HD-6 dozer w/straight blade; (1) AC HD-6 dozer w/angle blade; (1) AC HD-6G loader. Lots engine parts available and more. Call for prices. BALANDA EQUIPMENT P.O. Box 407 RT 29 Palm, PA 18070. 1-800-322-8030

Ditch Witch C99, 24" trencher, 9hp Wisconsin engine, excellent condition, $650 OBO. 301-384-4846

FORKLIFTS, LP, diesel, electric, excellent condition, priced for immediate sale. 215/937-1146.

Forklift Wholesalers 2000 to 92000 Lb. Lifts Available. 70 in Stock. Sale-Rental-Finance w/ Warranty. Chalk Equipment. (410)686-6800.

AC 655 crawler loader, runs and operates good, U/C poor, have used chains, $5,500. Cat 112 grader 1947, engine stuck, $2,000. Will consider trades. Susquehanna Co, (717)278-1910.

8' snow plow blade, $300 OBO. (215)654-9237.

Kubota Model B20 tractor/loader/backhoe, 360 hours, $19,500. 215/682-7777.

WANT TO BUY all makes and models of construction equipment. (301)371-5500.

Case 580B backhoe loader, diesel, power shuttle, heated cab, good condition, $8,500. (717)752-7131.

1990 Gehl 4610 skidloader w/attachments, 46Hp Perkins diesel. Good condition, must sell. Call Matt, 410/838-4270.

1994 Bobcat 743B skid steer loader, VG condition, $9,350. (301)371-5500.

'79 Int. 260A backhoe, ext. hoe, ROPS, good condition, $8300. 717/246-2271.

1991 JD 1070, 4WD, 40hp, compact dsl. tractor w/QT sub frame backhoe, 6' loader, 7' scraper blade, 1300 hrs, 9-spd full syncro, spare parts available. $16,800
1994 Eagle tri-axle LoBoy Trailer, 23', 10,000 GVWR. $3000
Both Very Good Shape
3 way hoist w/beams, 1-ton.....$250
Hyd. test set.....$125
All in good shape!
717/249-4213 717/243-0409

CASE 580 SUPER E WHEEL LOADER BACKHOE,
4x4, Extendahoe. Broken Swing Tower; Otherwise Fair Cond. **$14,500.**
Heavy Equipment Loader Parts, Inc.
10070 Allentown Blvd., Grantville, PA 17028
(800) 446-0505 (717) 469-0039

1991 NH 785 New Rubber, New Paint, Auxilary, Winterized, Cab w/Heat
$13,500
717/529-2512
No Sunday Calls

Equipment
CHALK
Sales -150 Forklifts In Stock

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BALTIMORE, MD

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ASPHALT DRIVEWAYS - RECYCLED ASPHALT
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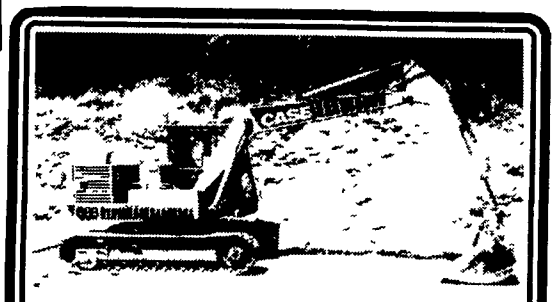
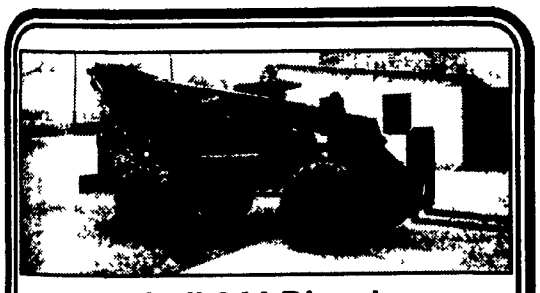


Case 688 Excavator 1990
S/N 61051274306 w/32" Bucket, 8'10" Stick, 28,000 Lb., Good Condition
$32,000 (610) 683-5970

Forklifts
New and reconditioned
For Sale or Rent
Heavy duty fork
extentions Call For Prices
Don't trade or throw out that old engine Have it overhauled for a fraction of the cost of new! All work is guaranteed.

For Sale
8000# Clark Dual Drive, Pneumatic Tires
8000# Yale 18' Lift, Side Shifter
6000# Komatsu Diesel, Pneumatic Tires
6000# Clark Pneumatic Tires
5000# Komatsu Pneumatic Tires
Masts for back of tractors
TOTALLY Reconditioned 4000# Yale 1990

SAM'S MECHANICAL SERVICE
SAM STOLTZFUS
39 Colonial Rd , Gordonville, PA
For Service Calls
717-768-7492

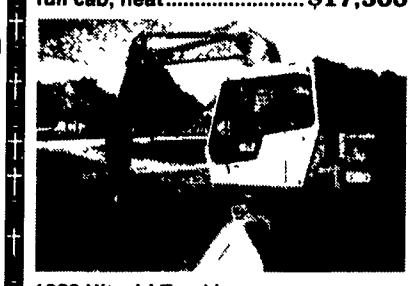


Lull 844 Diesel
35' Reach, New Rubber
$21,500
717/529-2512
No Sunday Calls

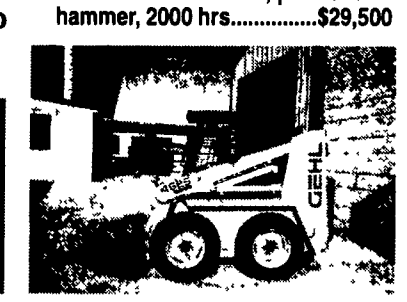
FORKLIFTS
2,000 TO 15,000 LB.
$2,000 & upwards
GAS/LP-DIESEL-ELECTRIC
Cushion-Pneumatic-Rough Terrain
New Komatsu Forklifts Available
PA INDUSTRIAL EQUIPMENT
(610) 369-9778

1965 Cat 966B, 23.5x25 Rubber, Good Condition.....$25,000
1993 Bobcat 7753, good rubber, nice.....$13,200
1989 Cat E200B Hyd. Excavator, plumbed, low hrs.....$48,000
1991 Cat E120 Hyd. Excavator $29,500
1993 Cat E70B w/Blade, plumb for hammer, 2000 hrs.....$29,500

1987 Cat 416 TLB, full cab, heat.....$17,500



1989 Hitachi Trackhoe, 2800 Hrs. w/ Hammer & 26" Bucket.....$26,000

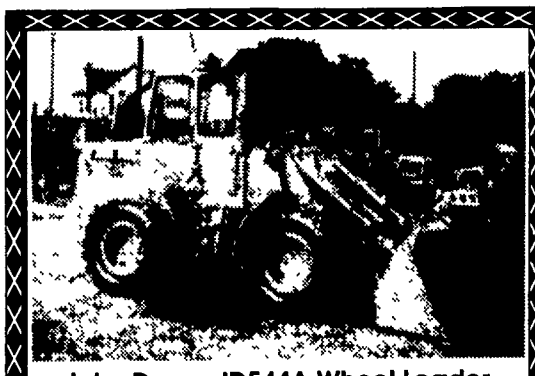


1995 Gehl 4625 SX Skid Loader, low hours, new rubber.....$12,900

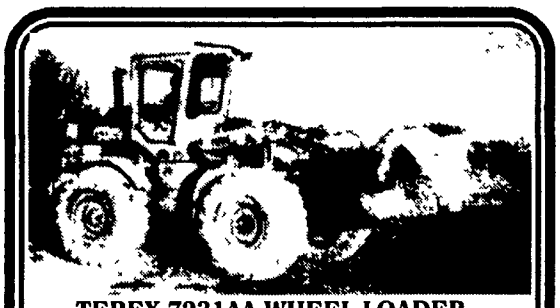
AA Equipment
717/529-2512
No Sunday Calls
1797 Robert Fulton Hwy., Quarryville, PA 17566
• We Buy & Sell
• Financing Or Lease Purchase Available
• 90 Down NO Payment For 90 Days

1980 Case 580-C loader/backhoe, rebuilt diesel, torque con; extend-a-hoe, 4N1 bucket, cab, heat, new paint, good condition.
$10,900

LTM Equipment Co.
Myerstown, PA 717/949-3582
717/949-3303 FAX
We buy, sell and repair used equipment.
Most Trades Accepted



John Deere JD544A Wheel Loader
$15,000
Heavy Equipment Loader Parts, Inc.
10070 Allentown Blvd., Grantville, PA 17028
(717) 469-0039 (800) 446-0505



TEREX 7231AA WHEEL LOADER
Detroit Eng., 2-1/2 Yd. Bucket.
Runs Great **$11,500.**

Heavy Equipment Loader Parts, Inc.
10070 Allentown Blvd., Grantville, PA 17028
(800) 446-0505 (717) 469-0039

1975 Gallion Road Grader,
471 Diesel, Runs Great,
Needs Some Work
$5,000.

966 Cat Loader, Runs Great,
Tight Machine, Needs Some Work
$30,000.

410/388-1039 weekdays
410/335-2599 weekends

2 Snow plows 11¼ foot high spd. wing plows (like new) $750/ea.; Cushorn scooter 3-wheel, 3spd. high & low range, 2-cyl. OMC motor (like new), live PTO $1,750; Cat 966B rubber tire loader, 4yd. bucket complete (needs crank shaft) $8,500. (610)869-8971.

1972 Cable 540 JD skidder, tires 23.1x26 almost new, power shift, VG condition. (410)822-8754.

1987 Case 1155E crawler loader, VG condition, $29,000. (301)371-5500.

1987 Case 450C dozer, new pins & bushings, new sprockets and rollers, low hours, excellent condition, $20,000. 717/544-2803.

Cat 922-B wheel loader, good tires, bucket, runs excellent, w/Boulderson snow plow pin mount, $9,500. 914-469-2352.

Chippers - Chippers, 4cyl, 6cyl, V8, new blades, clutch, rotor bearings, battery, sandblastd, painted. $4,500-$7,500. 717-755-5307.

If You Are Searching For A Breaker With Power, See Binkley & Hurst Bros. Today Skid Loader Unit In Stock — Ask For Rick

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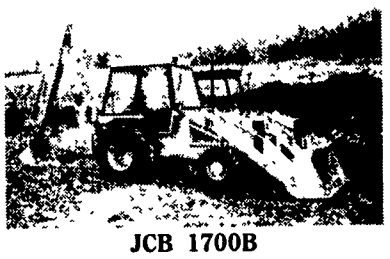
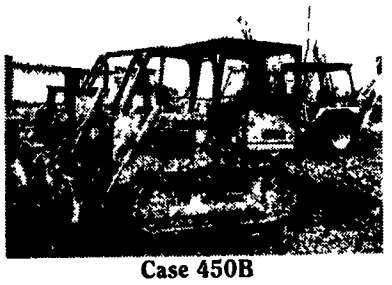
(717) 626-4705
1-800-414-4705
Fax 717 626-0996

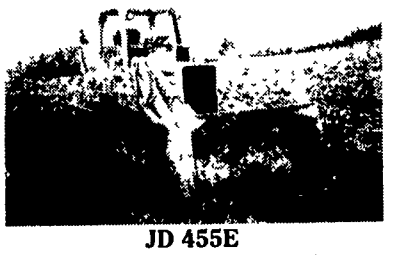


JCB 1700B
4x4, St. Hoe, Very Good
$19,500

CASE 850C
Crawler Tractor, 6 Way Blade, Swamp Pads
$22,500



Case 450B
Crawler Tractor, 6 Way Blade,
$17,500



JD 455E
Crawler Loader, 4-in-1 Bucket,
Backhoe Attachment **$25,000**

92 Case 580K 4x4 Ext. Hoe, 2700 Hrs. ..... Call

94 Case 580 Super K, 2WD, Ext. Hoe, 1700 Hrs. ..... Call

80 Fiat Allis 645B Rubber Tire Loader ..... Coming In

Ford 555 TLB, OROPS, Good Rubber $13,250

JCB 1400B 4x4, Ext. Hoe, Good Rubber, Fair Condition. $16,500

Dresser TD8E, Crawler Tractor, GoodU.C., Good Solid Tractor $16,500

Dresser TD8C Crawler Tractor, Good U.C., Good Solid Tractor $16,000

JCB 1400B, '86 Model ~~$12,900~~ $11,500

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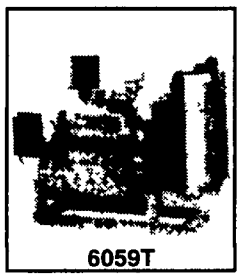

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- 125 HP 471 DD Power Unit ..... $5,500.00 ea.
- 225 HP 671 DD Power Unit ..... $7,850.00 ea.
- 335 HP 6U92 DD Power Unit ..... CALL
- 40 HP 4019D - JD Power Unit ... $4,000.00 ea.
- 80 HP 4039D - JD Power Unit ... $5,400.00 ea.
- 80 HP 4239D - JD Power Unit ... $4,995.00 ea.

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Ephrata, Pa. 17522
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FAX 717-738-3146

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FAX 717-733-6058
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Wed. & Fri.
8 a.m. to 5 p.m
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The following categories are available for your classified advertising In Section C Deadline Thursday morning at 9 of each week's publication

1-Farm Equipment
2-Farm Eq. Wanted

The following categories are available for your classified advertising in Section D Deadline Wednesday afternoon at 5 of each week's publication

1a-Construction Equipment
3-Silos and Unloaders
4-Building and Supplies
5-Grain Equipment
6-Dairy Equipment
7-Livestock Equipment
8-Cattle
8a-Exotic Animals
9-Horses & Mules
10-Sheep & Goats
11-Swine
12-Artificial Breeding
13-Hog Eq. & Supplies
14-Poultry & Supplies
14a-Ratites
15-Feed & Seed
16-Fertilizer
17-Plants
18 Fruits & Vegetables
19-Nursery
20-Lawn & Garden
21-Services Offered
22-Custom Work
23-Help Wanted
24-Situations Wanted
25-Business Opportunities
26-Household
27-Pets
28-Lost
29-Found
30-Computers
31-Notice
32-Miscellaneous
32a-Antiques
33-Recreational Vehicles
34-Autos
35-Trucks & Trailers
36-Real Estate

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P O Box 609, Ephrata, PA 17522

PLEASE CALL OUR CLASSIFIED AD DEPT. IF YOU WANT TO ADVERTISE A DISPLAY BOX IN OUR PAPER

NOTE: Please do not use this form for Mail Box Market Ads, see instructions with Mailbox Markets.

Name _____
Address _____
City _____ State _____
Zip _____ Phone( ) _____
Please publish my _____ word ad _____ times
starting with the _____ issue. Classify under
_____. I enclose _____.

❑ Check Enclosed
❑ Visa(13 or 16 numbers)
❑ Mastercard (16 numbers) (Be sure to include all numbers)
Card # _____ - _____ - _____ - _____
Exp. Date: _____ Signature _____

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

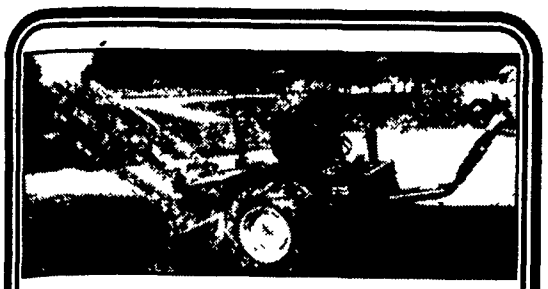
CLASSIFIED ADVERTISING RATES
47¢ per word per week - 1 or 2 times
42¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	5.17	10.34	13.86
12	5.64	11.28	15.12
13	6.11	12.22	16.38
14	6.58	13.16	17.64
15	7.05	14.10	18.90
16	7.52	15.04	20.16
17	7.99	15.98	21.42
18	8.46	16.92	22.68
19	8.93	17.86	23.94
20	9.40	18.80	25.20

DEADLINES:
SECTION D - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

(PHONE NUMBERS COUNT AS ONE WORD)



Ditch Witch Ditcher,
Nice Shape
$2,400
717/529-2512
No Sunday Calls

Case 602, 1102 Rollers
Demonstrators
Call For Special Pricing

JCB 1550 Loader Backhoe	$12,900
Case 580K, Cab, Ext. Hoe, 4WD	$26,900
Case 1840 Uniloader w/Approx. 2500 hrs	$10,900
Case 1845C Uniloader w/Approx. 1200 hrs.	$16,900
Kobelco LK 500 Wheel Loader	$23,900
Case 580D Canopy, ExHoe	$14,900
Case 580K 2wd, Cab, ExHoe	$22,500
Case 580SK 2wd, Canopy, Std, Hoe, 1900 Hrs	$25,900
Case 450C Dozer, New U.C., w/Approx. 2000 Hrs	$28,500
Case 855D Loader, 4-in-1 Bucket	$37,900

Rental Returns
602B, 1102 Rollers In Stock
Stanley 695 Hammer
Call For Pricing on Rental Return

Vernon E. Stup Co.
5859 Urbana Pike Frederick, Md. 21701
301-663-3185

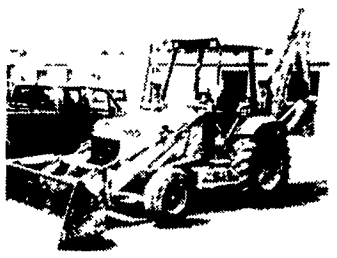
Michael Sunday
Heavy Equipment, Inc.
EQUIPMENT SALES, RENTALS AND SERVICE
735 Range End Rd, Dillsburg, PA 17019 • TEL (717) 432-2834

EQUIPMENT FOR SALE

1993 Cat 936F 4TK671, 2850 Hours, EROPS cab, GP Bucket, w/edge, 20 5 x 25 Tires 50%, Supp Steering, CL&P.
1993 Cat 950F II, SN 8TK 370, 4500 Hours, EROPS w/air, GP Bucket, 23.5 x 25 Tires 50%, Ride Control, Supp Steering, Excellent Machine.
1993 Cat 950F. 6 SOLD **800 Hours, EROPS GP** Bucket, w/teeth, 23.5 x 25 Tires 30%.
1992 Cat 446 S/N 6XF0640, EROPS, 4x4 Ext-Hoe, 80% Rubber, GP Bucket Very Nice Machine.
1990 Cat E120B 7NF03120, Longstick 20" Pads 2467 Hrs.
1990 Cat 215DLC, 9TF521, 4800 Hours, One Piece Boom, Medium Stick, 70% good U/C with 28" pads, 36" Bucket w/Teeth, Piped for hammer, CL&P
1988 Cat D5H 8RC1481 (First sold in Feb. 1989) **EROPS** Cab, 5S Dozer w/Tilt, 3rd Valve, Drawbar 70% U/C, CL&P.
1987 Cat D4H 8PB2049 EROPS Cab, 4S Dozer w/Tilt, 3rd Valve Drawbar, New Track Groups, Overall 70% good U/C CL&P.
1987 Cat D4H *PB1974 EROPS Cab, Wipers, 4S Dozer w/Tilt, 3rd Valve, Drawbar 70% good U/C, CL&P.
1986 Cat D6HLGP 8YC461 (First sold in July 1987) **EROPS** Cab, 6S Dozer w/Tilt, 3rd Valve, 70% U/C w/24" Shoes, Trans Rebuilt 2000 Hrs ago CL&P.
1986 Freightliner 4.25 Cat Eng, 13 Speed, Jake Brake, Air Ride, AC
1985 Cat 950B S/N 22Z00837, GP Bucket 20.5 x 25 30% Good.
1985 Cat 225LC 51U5889, Long Stick, 1Pc Boom, 30" pads (60%+U/C) 36" bucket w/teeth and side cutters, tight machine, runs well, CL&P
1983 Cat D5B 44x1440 EROPS Cab, w/AC 5S Blade w/Tilt 50% U/C, 400 Hrs on Rebuilt Engine. Very Good Condition
1972 Cat 815 Compactor 15R167 4300 Original Hrs Softcab w/r SOLD New Feet, Leveling Blade Excellent Mechanical Cond. and appearance.

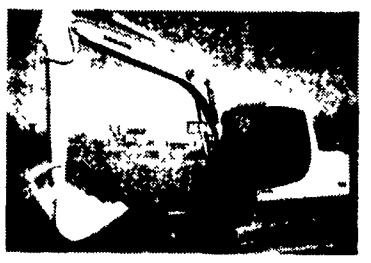
Also Available.
Reproduction Bumpers for 963's and 953's

Try Lease Purchase-Good Tax Break!



'93 Ford 555D TLB 2500 hrs., good rubber **$24,500**

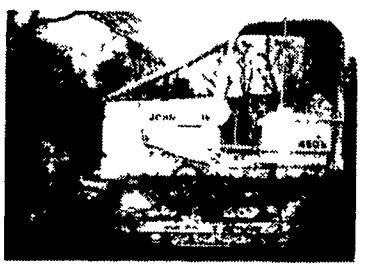
1993 Cat 416B 4x4, Ext-A-Hoe, EROPS, New Rubber **$39,500**



'93 Komatsu PC100, AC, Good UC, Excellent **$39,500**

'94 JCB 210S TLB 4x4, EROPS, 4-in-1 bucket, 1400 hrs.. ..... **$35,000**
Gradall 534B Rough Terrain Forklift 4x4, 8000 lb, 37' Reach..... **$28,500**
Ford 555B Backhoe, Good Runner..... **$13,000**
NEW, NEVER USED Linear Dynamics Skip Line Paint Striper Model HTPUP, new cost approx. $20,000, **Sale Price $6,000**
'78 JD 450C Crawler Loader, 4-1 Bucket, Rear Ripper, Good UC..... **$16,000**

'93 Cat E70B Excavator, good UC, 3000 Hrs., Excellent Condition **$26,000**



JD 450E Crawler Tractor, 6-Way Blade, Cleaned & Painted, Good UC... **$23,000**

No Sunday Calls
Financing & Lease Purchase Available

Weaver's Equipment Sales
RD#1 Box 113 Milton Pa 17847
Phone: 717-523-9549

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DISMANTLING MOST MAKES & MODELS
OF CONSTRUCTION EQUIPMENT

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Case	Michigan	Wabco
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Over 650 Machines Dismantled

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In addition to our own large inventory, we have two computerized parts locator services, nationwide & Canada, ready to serve you. In less than a minute, over 600 used & new parts & equipment suppliers will receive your parts request. Parts are located easily & at substantial savings. Try Our Services.
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Phone: (215) 679-3900
• Fax: (215) 679-8727
TOLL FREE: 1-800-322-8030

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3 SILOS AND UNLOADERS

KEYSTONE CONCRETE PRODUCTS INC. (717) 365-2361 "WAFFLE SLAT"

Bunker Silos

Precast Concrete Bunker Silos or commodity buildings built to suit your needs.
Bunkers available in 8 Ft. or 12 Ft. Height

1a CONSTRUCTION EQUIPMENT

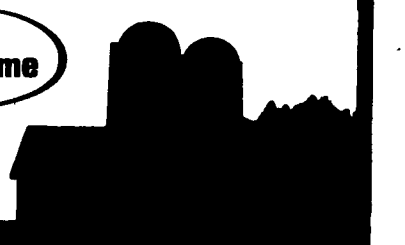
10' snow plow w/frame and electric hydraulic pump, $1,500 OBO. (215)654-9237.

FORKLIFT
PETTIBONE
4WD,
4 Wheel Steer,
20' Lift Height
717/533-7377

DETWEILER SILOS

New Concrete Stave Silos
New and Used Extensions
All Types Silo Repair
Teardown and Rebuild
Silo Relining

fiberdome Incorporated



Write or call:
808 Oakville Road, Newville, PA 17241
(717) 532-3039 (717) 776-6321

Zimmerman's
Harvestore® Repair
Oakland Mills, PA
717-463-9731
(Not Affiliated With A O Smith Harvestore®)

***HITACHI *LINK BELT**
$790 20' Gal. Standard Chain
2½ Yr. Warranty Farm Plan A Service of FPC Financial

* Heavy Duty Rexnord Chain $1,100
* **Complete Rebuilt Goliath and Hercules unloaders**
* AFS Hammermills and Augers

UPS Daily

Quality Proven Parts
Agri-Lease Available

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3 SILOS AND UNLOADERS

Better Bilt Storage, Inc.
Sugarcreek, Ohio
330-852-4088

In Business 23 Years!

PLAN AHEAD FOR YOUR STORAGE NEEDS IN 1998!

Visit the PA Farm Show, Jan. 10-15, 1998 and stop by our booth at West-Main floor, Lots #90-91, 104-105, 112-113.

We will have on display our completely rebuilt Goliath Md74 and a NEW Silomatic 8200-H Power Sweep Auger.

Let's get aquainted in person, and we'll show you how we can meet your Harvestore needs in 1998.
Our Quality, Experience and Satisfied Customers speaks for itself.

"Used Harvestores® is our Business Since 1975

Not affiliated with A.O. Smith Harvestore Products, Inc.

3 SILOS AND UNLOADERS

Buying used stave silos, especially Fickes and Lancaster. Fair price paid. After 6pm, (717)786-2103.

Pair of new 24' augers w/ knives for 224B silomatic silo unloader $450/pr. Jamesway unloader winch, like new, used 1 year, $175. (717)786-2103.

Sawdust Bottom Silo Unloaders, 10 & 12' diameter, $950/each. 717/354-3105.

WANTED: Concrete stave silos, will remove. Fair prices paid. 610-273-3993, 1-800-860-3993.

We pay top dollar for used Harvestores and Slurrystores. 717-354-4051.

Rebuilt Patz 98B silo unloaders, 12-30 ft.
Used, dropped and worn out ones taken in trade
Will install and/or Deliver Anywhere
Call 716/532-2919
If no answer, leave message

MAY-CO PLASTIC
SILO LINERS
To have mold free haylage, corn silage & hi-moisture grains, install a May-Co liner in silos with or without unloaders. Easy to install.
SHOP (717) 399-8232
MAY-CO SUPPLY CO., INC.
551 Cobblestone Lane, Lancaster PA 17601

SILO REPAIR WORK
Shotcrete For Strength
Now is the Time To Get Ready For Haylage
- Fill Pipe
- Distributors
- Chutes
- Roof

CROWN SILOS
72 Mt. Pleasant Rd.
Paradise, PA 17562
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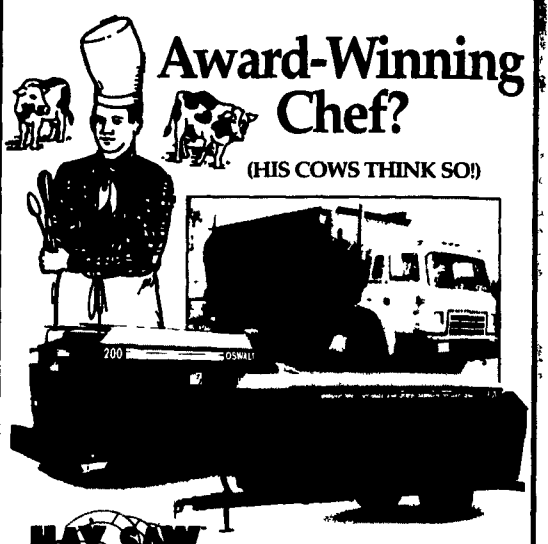
Leave a message.
We'll get back to you within 24 hrs

MARTIN'S SILO REPAIR
Moving Concrete Stave Silos
- Gunite Relining
- Fill Pipes
- Distributors
- Roofs
- Replacement Doors
- General Repair

907 Centerville Rd.
New Holland, PA 17557
(717) 445-9834

NEW LANCASTER SILOS
For Sale
FOR SILOS CALL
717-656-8636

Award-Winning Chef?
(HIS COWS THINK SO!)



HAY SAW processor

Oswalt's New Hay Saw™ Processor -
Turns long stemmed hay into a blended and highly digestible dairy ration You control the length of cut by simply regulating the mixing time Save time and fuel, and extend auger life
Available on most Oswalt Models

Give your livestock a menu they'll really like with an Oswalt four-auger mixer Oswalt has the right size mixer to fit your operation to a "T" Twelve models in all, in capacities from 150 to 950 cu ft

With Oswalt you can make the best use of every feed source including baled hay And no other mixer is built as strong to out-perform and out last the competition

Ask your Oswalt Dealer for a demo and see how Oswalt can turn your herd into galloping gourmets

Nothing Performs Like an Oswalt!

OSWALT®
Mixers by J-STAR
We Carry The Full Line of Jamesway Products!

USED SILO UNLOADERS
- Patz 16 ft 98B Unloader (Ro...) SOLD
- Badger 12 ft Pack Driver
- Used Parts for P&D Unloader
- Clay Barn Cleaner Drive Unit
- Cornel Barn Cleaner Drive Unit
- LPM 400 Automatic Roller Mill, less than 1-yr old

Sales & Service
ROVENDALE AG & BARN EQUIP.
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717-538-9564 OR 717-742-4226
Exit 31, I-80 to I-180 Watsontown Exit
Hours Mon-Fri 8 to 5 Sat 8 to 12

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Myerstown, PA 17067
717-866-5708

SOLLENBERGER SILOS CORP.
2294 Molly Pitcher H'way
Chambersburg, PA 17201
717-264-9588

Look for us at the Farm Shows in January, 1998...
The Keystone Farm Show in York, PA - Jan. 6 and 7...
The Penna Farm Show in Harrisburg, PA - Jan. 10-15.

If you need storage for forages, grains, or manure...you need to stop by our booths to get the latest information...or...call if you can't make it to the shows

We will be introducing our new "LIVESTOCK CARCASS COMPOSTING BINS," an idea whose time has come, and a practice we will be seeing more and more as the environment receives more attention from legislators and community leaders.

Also, be sure to ask for our new literature and information on our "HI MOISTURE SHELLED CORN SILOS." Dairy and livestock feeders really appreciate the quality of corn they have when it is stored in a poured concrete silo.

"CONCRETE...A BETTER WAY TO DO IT!"

DIRECT-X-PRESS™ SYSTEM
NEW BELT FEEDERS & CONVEYORS

Big Capacity Delivery With All The Advantages Of Dependable, Efficient, Low Profile Direct Drive Design!

That's what farmers really appreciate about the new Jamesway family of Direct-X-Press Feeders and Conveyors. All models feature a dependable and efficient heavy duty industrial drive, with enclosed oil bath and standard 1, 2 or 3 H.P C-laced motors. Our direct drive design eliminates pulleys, jackshafts, sprockets chains, V-belts and shields, the low profile motor and drive can be mounted on either side for added installation versatility.

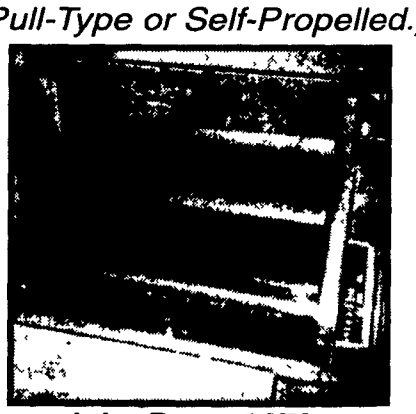
Call or write for free catalog.

LAPP'S BARN EQUIPMENT
5935 OLD PHILADELPHIA PIKE,
GAP, PA 17527
PHONE: 717-442-8134
SALES & SERVICE

HANSON There's a difference
Portrac
Turbo Blowers
Heavy Duty Augers

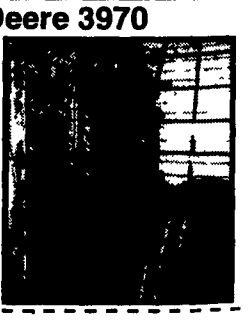
VAN DALE MAGNUM II
Ring leader
THE VAN DALE **ADVANTAGE**
Parts & Service On Hand

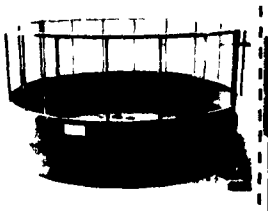
For The Do-It-Yourselfer
Retro-Fit Silage Crimper Rolls for John Deere Harvesters
(Pull-Type or Self-Propelled.)



John Deere 3970

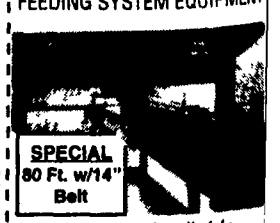
Removes in 10 minutes for haylage
Leroy Diller, sales
717-263-3521





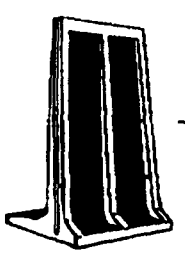
Hay Rack - $165
18 Head • Round Bales

Lancaster BRAND FEEDING SYSTEM EQUIPMENT

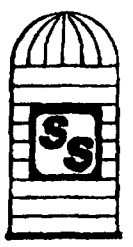


12" & 14" Available

Lancaster Silo Co., Inc.
2008 Horseshoe Rd. • Lancaster, PA
(717) 299-3721



Sollenberger Silos Corp.



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717-264-9588 • Fax 717-264-4049
A NITTERHOUSE COMPANY

Manure Storage And Bunker Silos: Call Direct: Tabb Justus - 717-262-2904	Equipment Sales And Service: Call Direct: Randy Gayman - 717-262-2908	Poured Concrete Silos: Call Direct: Bob Francis - 717-262-2907 Evenings: 717-263-6383
* Bunker Silos Outside Wall Panels Center Wall Panels Corner Panels Delivered and Set On Site * Manure Storage For 50,000 Gallons ... or A Million Gallons and More. Cast-In-Place Precast	* Jamesway * Starline * Silo Matic * Flying Dutchman * Laidig * Lancaster Level-Flo * Also ... Precast Cattleguards And Feedbunk ... Delivered And Set	* Top Unloading * Bottom Unloading * Hi-Moisture Corn Units * Haylage Units * Industrial Towers For Sawdust, Meal, Grains, Etc. * Communications Towers For Antennae Mounting

SOLLENBERGER SILOS CORP. - SINCE 1908, and STILL GROWING!!!
CONCRETE ... A BETTER WAY TO DO IT.

QUALITY SILO

Specializing in Tear Down and Rebuilding New and Used Stave Silos

- Shotcrete relining
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Used Silos in Stock

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(1) 8x60
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For availability and prices call:

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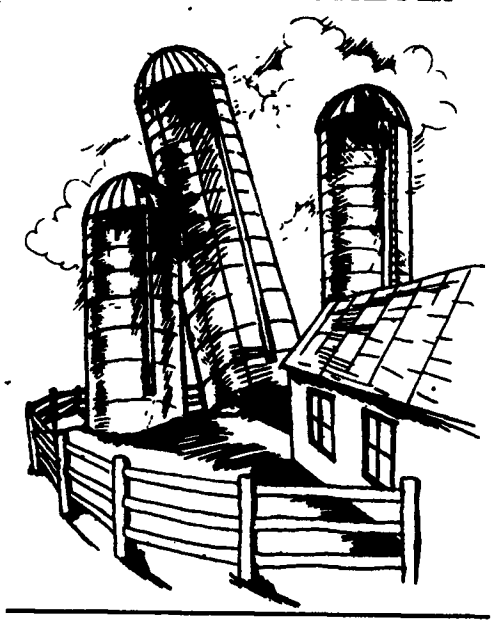
Motter's Silos

"74 years combined experience"

New & Used Silos, Tear Down & Rebuild, New & Used Roofs, Distributers, Filler Pipes, Cage Ladders, Extensions, Replaster Shotcrete

(717) 776-3624
(717) 776-5700

DON'T LET THIS HAPPEN ON YOUR FARM...
RELINE YOUR SILO WITH SHOTCRETE!



- *Manufacturing & Building of New Stave Silos*
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Contact:

S & S SILO REPAIR

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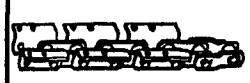
610-273-3993

- *15 Years Experience In Relining Silos*

BADGER'S AGRI SERVICE INC.

• 717-432-8377

Harvestore Unloader Parts and Service



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* The **only** stainless steel **Pin and Bushing** Cutter Chain available
* **thicker side bars**

Not affiliated with A O Smith Harvestore Products Inc

All steel buildings, 21'x24' to 150'x300'. Factory deals. Save Big! Quality construction. 717-367-2686

Antique building materials, beams, wide pine boards, flooring, doors, etc. 717/249-2304

Antique lumber- resawn heart pine, white pine, chestnut, and native yellow pine, wide plank flooring. Timbers and frames available. (717)374-7122.

BARN FLOORING: new, kiln dried, T&G Y-pine 2x8's for floors and stalls, also plain 2x8's 2x6's 2x4's. Noah Shirk Sawmill, 717/354-0192.

Barns, Factories, Warehouses, Log Cabins WANTED for Salvage. We buy building. Fully insured since 1983. Call 717-993-9037

B grade glassboard and fastening accessories. Glenn Beidler, Freeburg, Snyder Co., PA, (717)539-8993.

BUYING Boards and Logs. 1" boards, Oak and White Pine. $1-$1.50 bd.ft. Chestnut $2-$2.50 bd.ft. and UP. Buying timbers and logs. Call for quote 717-993-9037

CECO... KIRBY... CORLE... Steel buildings and componants. Retrofit steel re-roofing. Commerce, Industry, Ag. Supply or supply erect. Standard or custom. Complete or addition. Certified permit drawings. Building YOUR business is OUR business. A.S. HOOVER, INC. 3125 Manor Rd., Coatesville, PA 19320. 610-942-2591 1-800-942-2591 Voice Mail or Fax

Cedar Log Home. Build yourself! (24x40 logs only, $7500) or we will build shell on your foundation. Call to see our displays. 717-354-3105

Chain Link Fence, new slightly imperfect, heavy 9-gauge galvanized. 3' 90¢/ft; 3½' $1/ft; 4' $1.20/ft; 5' $1.50/ft; 6' $1.60/ft; 7' $1.80/ft; 8' $2.00/ft. Vinyl coated also available. (717)822-7820 7-8am or after 5pm, leave message.

Dust collector! Murphy Rodgers #MRM-12-4D, 15hp, 12" inlet, 3900 cfm, new cost, $7000, must sell $2500. 410-335-4700

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4"-12" Wide Plank Pa. Hardwoods Starting at $2.75 Sq. Ft. 3/4" Thick, T&G, Kiln Dried
Cypress Deck Floor & Siding,
Truck, Barn & Exotic Flooring
610-565-6038
1-800-560-8020

KING CONSTRUCTION CO.

Custom Design and Construction of:

Pole Barns • Dairy Barns
Heifer Facilities • Horse Barns
• Equipment Sheds Etc.

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717-354-4740
Phil Van Lieu Home: 717-259-9077

Allgyrer's Construction
298 Meetinghouse Rd.
Gap, PA 17527
717-768-7446
Att: Aaron

Complete remodeling and new construction of Agricultural and residential buildings.
(Local and long distance.)

$ WHOLE$ALE $

½" to 8" **PIPE** ½" to 8"

Prime, secondary, structure pipe
Farmers, Manufacturers, Fabrication
— Will Cut To Your Size Needs —

STEEL TUBING

1½" Sq	3½" Sq	2"x2" Sq.	2"x4" Rect.
2½" Sq.	4"x4" Sq.	3"x3" Sq.	3"x2" Rect

20' to 24' Lengths/5/16" to ¼" Thick

BRICKER'S PIPE YARD

717-261-0095
1970 Frank Road
Chambersburg, PA 17201

TIRED OF LEAKING ROOFING? USE
WHEELING
Channeldrain
ROOFING & SIDING

Exclusive drain channel guards against wind, rain and snow...assures dryness.

1. Wide overlap: Increases strength and leak protection at each joint.
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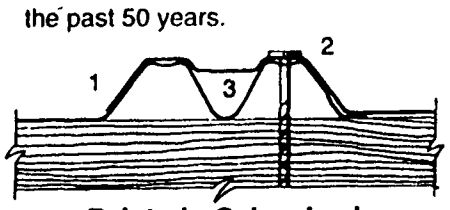

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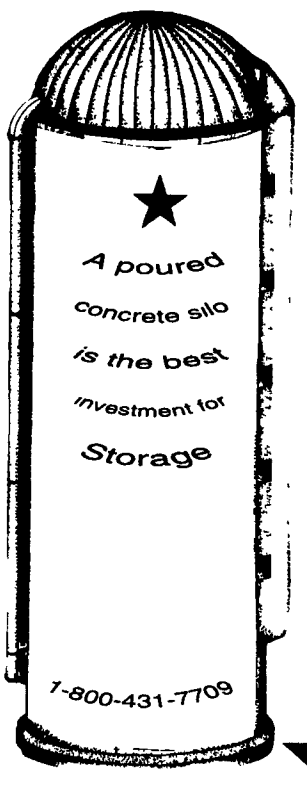

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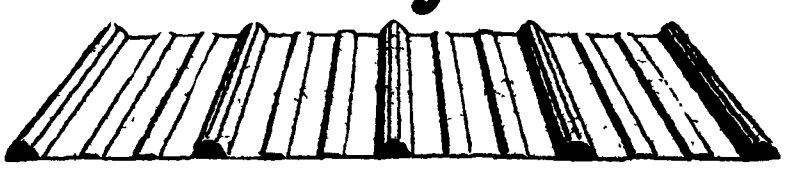

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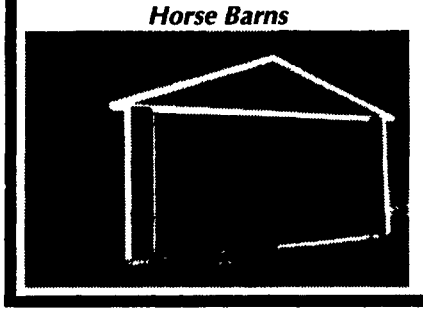

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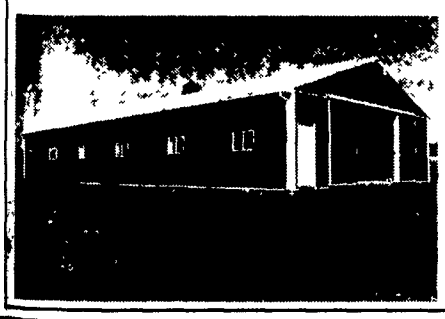

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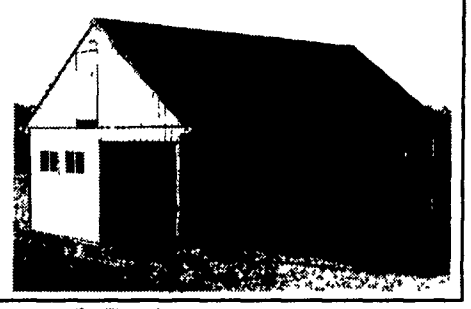

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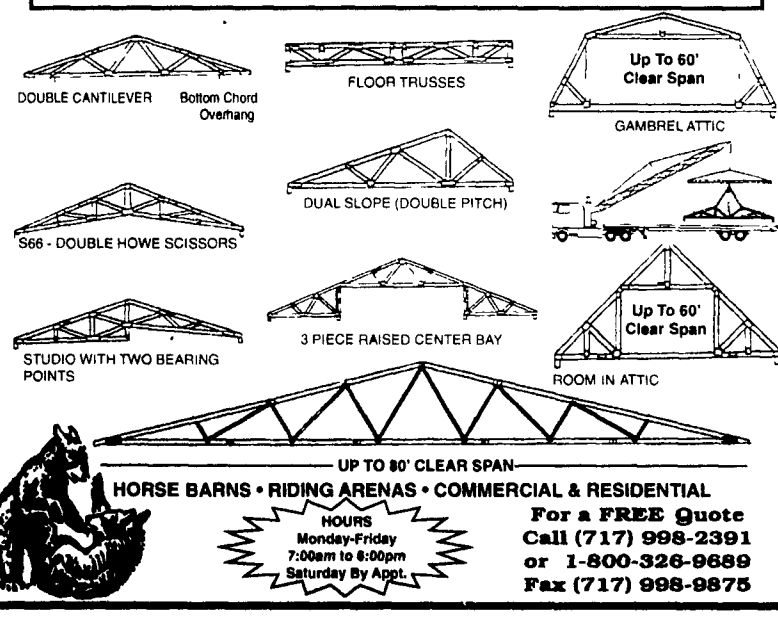

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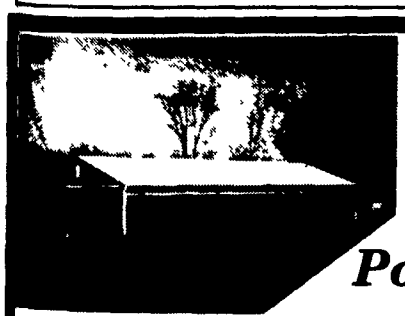

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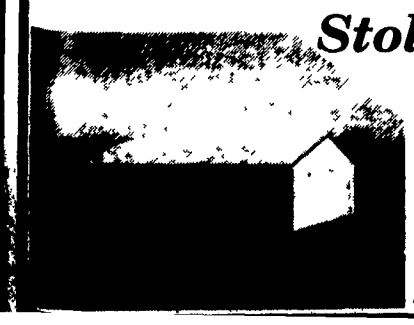

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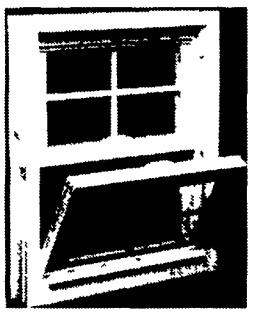

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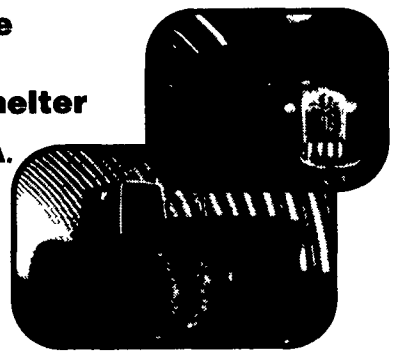

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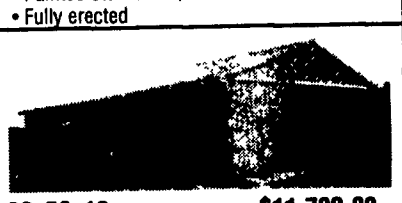

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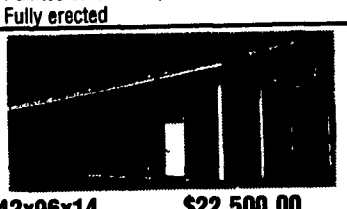

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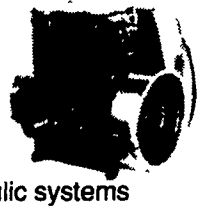

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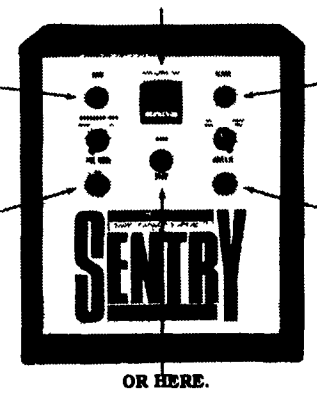
FOR MORE INFORMATION ON COOLING CONTROL, CHECK HERE.

OR HERE Blue light flashes to indicate which cooling units are engaged

OR HERE Flashing green lamp denotes pre cooling cycle during subsequent milkings



OR HERE. Amber lamp shows wash, rinse or sanitize cycle

OR HERE. Green lamp indicates current agitation cycle

OR HERE. Red light flashes when milk is above 43°F or below 35°F

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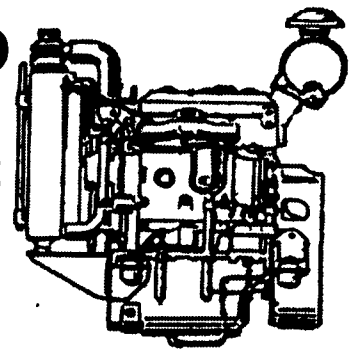

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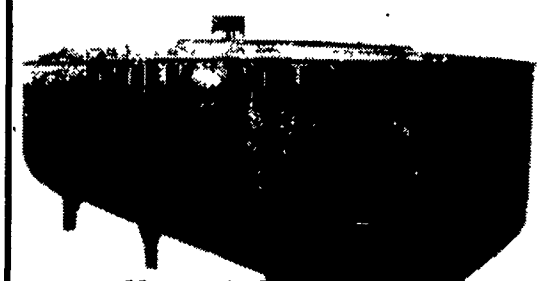

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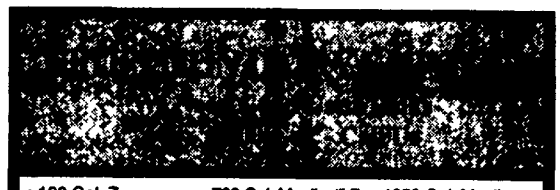

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- 300 Gal. Girton
- 300 Gal. Mueller M
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- 400 Gal. Jamesway
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- 500 Gal. Mueller O
- 500 Gal. Mueller OH
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- 600 Gal. Mueller M
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- 800 Gal. Mueller O
- 800 Gal. Mueller M
- 800 Gal. Mojonnier
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- 1000 Gal. Dan Kool
- 1000 Gal. Mueller OH SOLD PA
- 1000 Gal. Mueller OE
- 1000 Gal. Sunset
- 1250 Gal. Storage
- 1250 Gal Girton D-5
- 1250 Gal. Girton D4
- 1250 Ga. Mueller M
- 1250 Gal. DariKool
- 1250 Gal. Van Vetter
- 1250 Gal Mueller O
- 1250 Gal Mueller OH
- 1250 Gal. Mueller OHF
- 1250 Gal. Surge
- 1500 Gal. VanVetter
- (2) 1500 Gal. Mueller OH
- 1500 Gal. Storage
- 1500 Gal. Girton D5
- 1500 Gal Girton D2
- 2000 Gal. Mueller O
- 2000 Gal. Mueller OH
- 2000 Gal. Surge
- 2000 Gal. Milkkeeper
- 2500 Gal. Girton
- 2500 Gal. Storage
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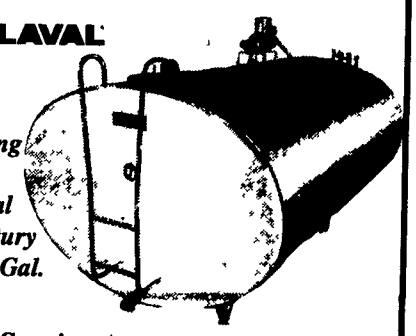

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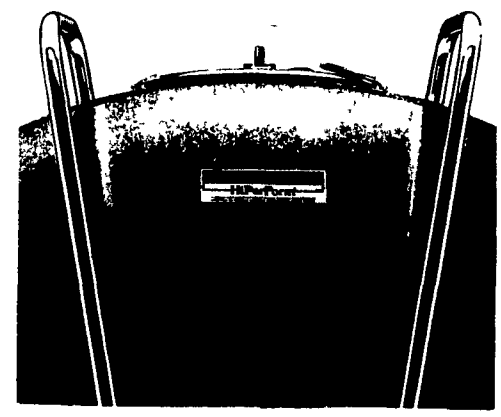

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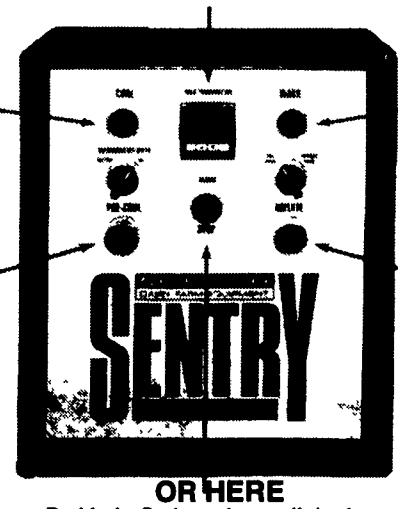
Blue light flashes to indicate which cooling units are engaged.

OR HERE
Amber lamp shows wash, rinse, or sanitize cycle



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OR HERE
Green lamp indicates current agitation cycle.

OR HERE
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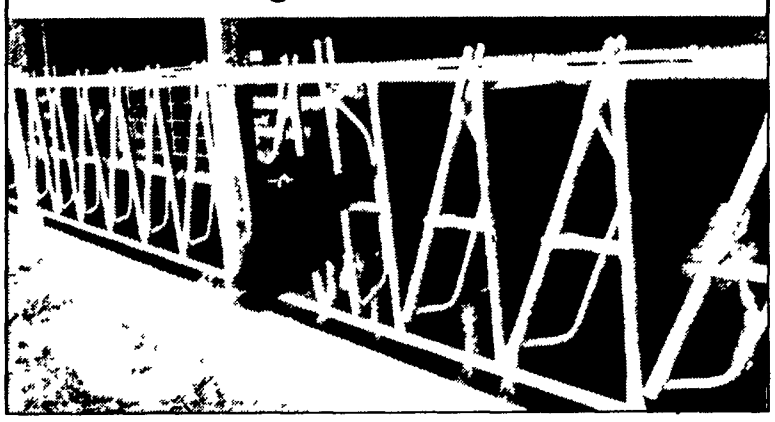

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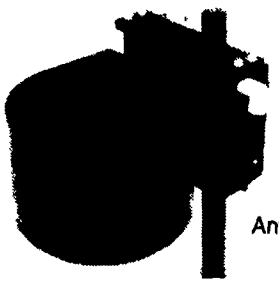

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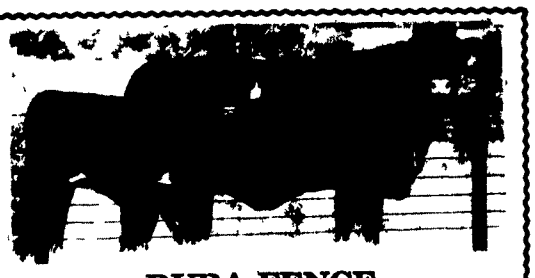

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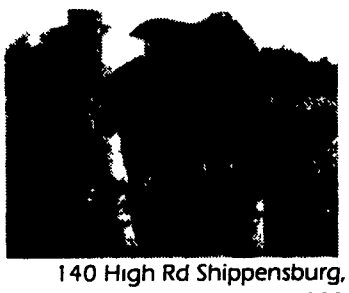

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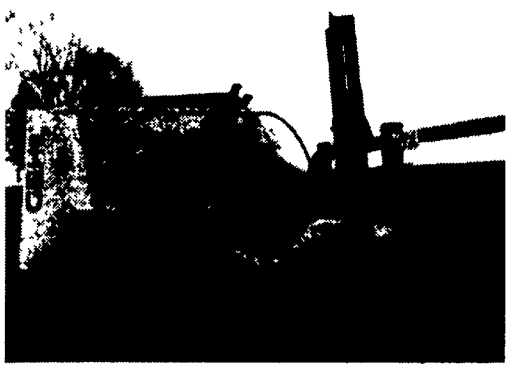

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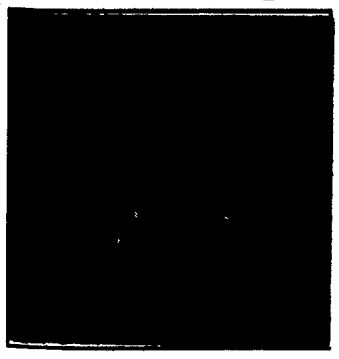

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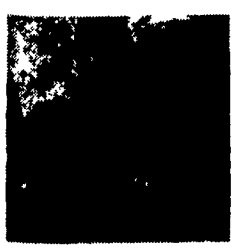

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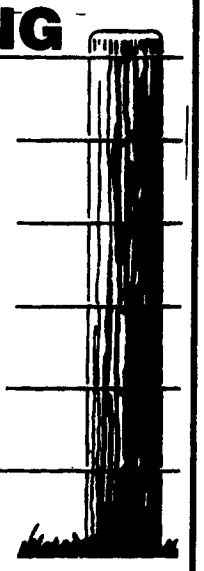

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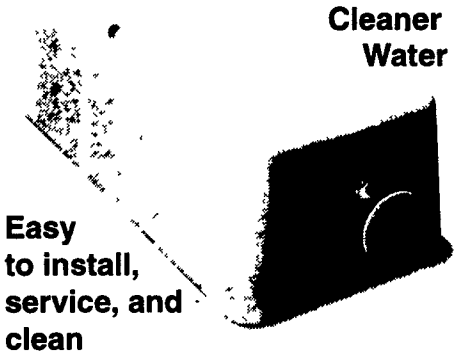

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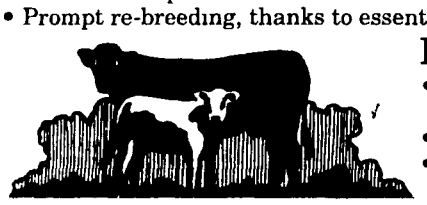

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8 CATTLE

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12 large Heifers, most due beginning of February, Franklin Cty 717-369-2281.

1 Ayrshire heifer due January 18 and one Holstein heifer due January 4. Several more due through June. 717/537-6486.

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2 Jersey Guernsey cross 2nd calf heifers, due to freshen soon, good size. 717/328-2235.

(50) Breeding Age Holstein Heifers. 717-776-3901

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(5) head Holstein heifers, calfhood vaccinated, breeding age, checked. 717-530-9459

(6) Holstein Heifers due next spring. Emanuel B. Esh, 2168 Bryson RD., Cochranville, PA 19330

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Bulls for sale. Dam Excellent and very good, over 37,000m. Priced $600-$1000 each. 717-866-7110

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Complete dairy herd, Holstein, A-I sired, some registered, 50 cows, 24 due January/April '98. 37 Heifers, 3 reg. yearling bulls, pedigrees to +30,000. Wayne Co. 717-729-8047

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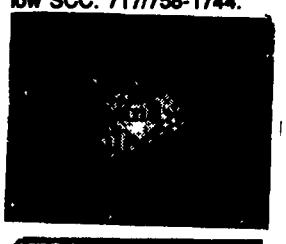

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We at Susquehanna Valley Dairy wish you a joyous Christmas and a very prosperous 1998. We also want to thank all of our customers for making 1997 another good year. Listed below are some of the dairymen we've been privileged to work with in the past year.

1. **Lamar Burkholder, Reamstown** - bought a well bred herd, not pushed, the herd was averaging 55 lb. when he bought them, 2 months later, Lamar had them at 73 lb.
2. **Steven Weaver, Stevens** - bought a top herd in Vermont. Steven and his family had a celebration in the milk house one evening when they weren't even finished milking yet, and the tank started overflowing. 3 months after moving date, the milk man had to start coming every day, the herd was averaging 88 lb.
3. **Matt Stoltzfus, Gap** - bought a top herd in Vermont. Imagine how thrilled Matt was when 2 months after moving date, he had a cow at 135 lb. per day. His milkman also had to start coming everyday.
4. **Dairyman in Little Britain** - bought a top herd in Massachusetts. 6 days after moving date, the herd was averaging 65 lbs.
5. **Harlan Zimmerman, Mifflinburg** - bought a well bred, not pushed, herd in New York. The herd was averaging 55 lbs. in New York - 4 months after moving, they were averaging 70 lbs.
6. **Eli Nolt, Annville** - bought a top herd in Massachusetts. At 3x a day milking, Eli had them right at 100 lb. daily average.
7. **Lamar Zimmerman, Loysville** - In 1996, bought a reg. 18,000 lb. herd in New Jersey. 18 months later, Lamar had the herd over 24,000 D.H.I.A. He also classified them with 1 Ex. cow and several high V.G.
8. **A. Stoltzfus, Leola** - bought a herd in New York in 1995. He bought 47 cows for his 42 cow barn. 2 years later when his own heifers started calving, he still wasn't able to tie in all his cows. He only culled 4 cows in the first 2 years. He was also the first dairyman on those facilities that had to have the milkman come every day.

Plus many more, 24 herds sold in 1997
Also groups of Heifers for expansion projects sold to:
Raymond Good, Lititz
Melvin & Tim Kreider, Mount Joy
Rodney & Gretchen Metzler, Martinsburg
Fred & Cindy England, Williamsburg
Art & Diane Zug, Millerstown
Luzerne Farm - Ed Quigley, Spruce Creek

*We are well aware that 1997 was a very difficult year for dairy farmers. As you've done so many times in the past, I guess you need to look ahead and hope you have a better year next year. Seems like the dairyman needs to find ways to produce milk for less money, when all expenses increase. *Glenn Shirk said, "Looks like the dairyman needs to learn to work smarter, not harder". *Phil Zimmerman said "When the going gets tough, that's when the tough get going". *My dad said "A smooth sea never made a good sailor". So let's learn from this difficult year. Grab the helm of the ship with both hands - and do as Christopher Columbus did. Sail On! and believe. Deut. 28:1-8*

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8a EXOTIC ANIMALS

Colorado Elk, raised in New Jersey; 80 elk to choose from. DeSapio Elk Farm, Baptistown, New Jersey. 908-996-6515.

Female Llama, 7 months, brown & white, $1200. 717-437-9195

Llamas, all ages, for pets and breeding, excellent quality, registered. (908)995-2323.

Male white Mute swan, $150. 717/665-7734.

One pair breeding age Ostrichs, $1500 or best offer, very tame. 717-865-5950

9 HORSES & MULES

(2) Quarter Horses, mare, 15.2H, trails, barrels/poles, 1 gelding. 14.2H, anyone can ride, $650/ea. 717-993-6627 York Co.

3 year old buckskin Molly mule, good worker, $1200. 717-949-2723 7:30am-8am

5 Year old sorrel mule, 16H, works anywhere; 7 year old ½ Morgan all purpose horse. Joseph S. Esh, 2151 Forry Rd., Lancaster, PA 17601.

6 Year old black Standardbred trotter, good broke family horse, safe, sound, $1950. 100 Haiti Rd., Quarryville, PA 17566.

7 year standardbred gelding, solid trotter, needs work, by Worthy Bowl. 717/768-7530.

7 year old 17H sorrel Belgian mare w/white M-T, works well in lines or jockey, needs more work, bred to Jack. Abner Stoltzfus, 515 Hollow Rd., Quarryville, PA 17566.

7 yr. old standard bred trotter, safe & sound, good driver. 717-354-9715.

8 year old standardbred trotter, traffic safe, sound, good driver, $1100. 717-768-3788

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Black and White APHA, Tobanio filly, weanling, excellent confirmation, beautiful mover, halter and pleasure prospect. MUST SEE. $3,200 717-597-1786.

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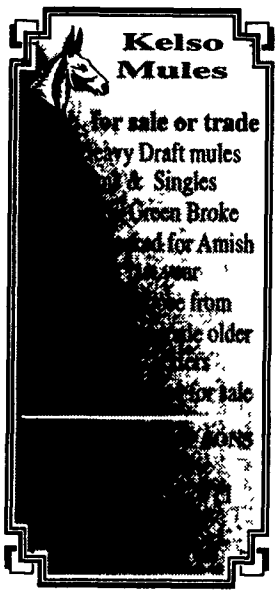
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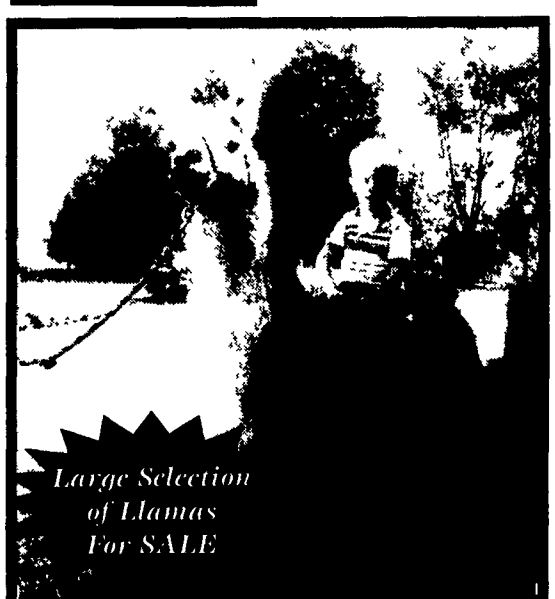
8a EXOTIC ANIMALS



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9 HORSES & MULES

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9 HORSES & MULES

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7 yr old Morgan.
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1 Load of Mules
Just arrived from Kentucky
- 2 pair 4 year old Mollies & Jacks broke
- 1 pair 3 year old black Jacks green
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- 14 yearlings, blond mollies

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Most all mules will be 16-17H.
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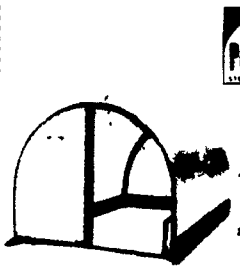

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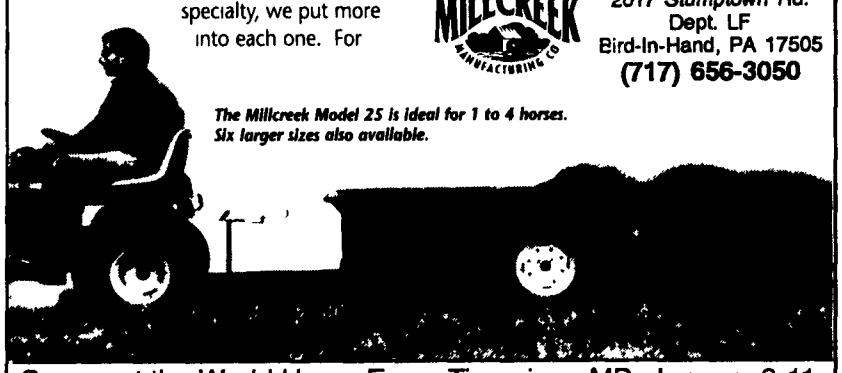
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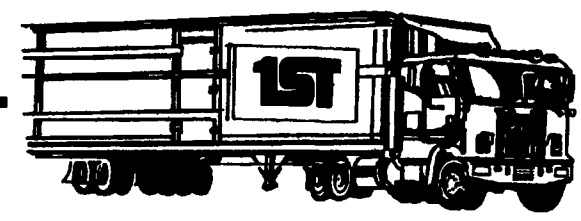

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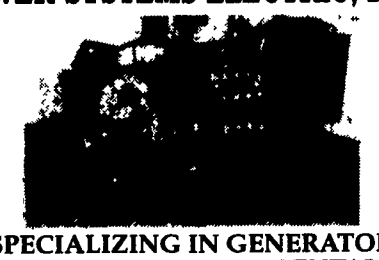

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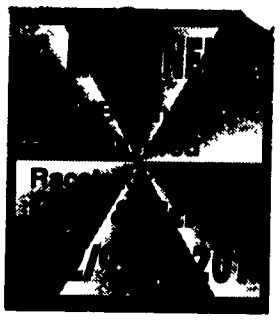

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CASH GRAIN MARKETING & FORWARD PRICING
Corn - Soybeans
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Rail Facilities Available at
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M.H. Martin Co.
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White Pine shaving
3.55 cu. ft. bale
Picked up at barn: $3.75
Delivered: 40 Bales = $186
80 Bales = $340

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3.5 cu. ft. bag
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12 yd. bulk: $225
Mileage charge after the 1st 10 mi.

Bark Mulch & Mushroom Soil
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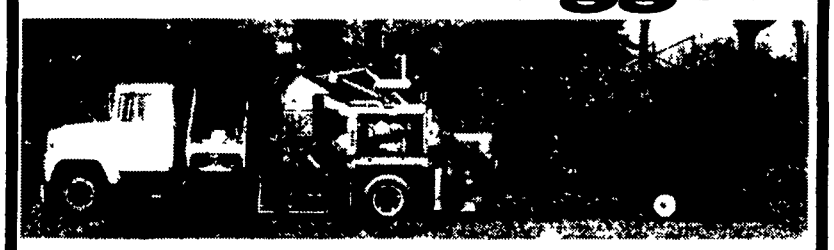

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> 6-71 Detroit Diesel, Rebuilt
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Bulk - Bagged - Bales
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DRY INEXPENSIVE FERTILIZER
Kreider FARMS
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CALL TOM TODAY

19 NURSERY

Bark mulch and mushroom soil, trailer loads and smaller loads also available. Garman's Coal and Mulch Products, (717)653-9580.

HALABURA TREE FARMS
Quality Douglas Fir, White Pine, Blue Spruce

Cut and B&B Available. Reasonable Prices. Large Tree Transplanting also available with Big John 80 inch spade
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18' grain truck. General Hauling. Bryan Foose. Quarryville, PA. (717)786-3423

Countryside coal service, all sizes of medium hard or hard coal. Lebanon, Lititz, Ephrata, Manheim, area. (717)933-9263.

Liquid manure hauling with flotation units
FOX'S SPREADING
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PROFESSIONAL HOOF TRIMMING
We Trim 40-100 Cows Per Day.
No Interest Financing Available
Call 1-800-359-TRIM

- ✔ Cattle Hoof Trimming
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Large Chester Co mushroom farm buying mulch hay, square bales, Timothy Orchard Grass
Good Prices
Year-a-round contract
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Rissey Grain
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Buying
Corn, Beans, Wheat, & Barley
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Now Receiving @ Mainville Ag Grain
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17 PLANTS

(15) 10' sections of metal greenhouse tables, 8' enclosed shelf trailer $200. Snyder County 717-539-2272.

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Rooted Cuttings For Sale
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Call for Price List
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FINE QUALITY • AFFORDABLE PRICE
Delivery Available
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New All Hydraulic Upright Chute!
Cow Never Flipped on side!
Stays in standing position!
$10.00/cow
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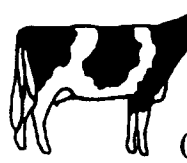
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We will CUSTOM BLEND Quality Ingredients To Meet Your Feed Consultant Recommendation.

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BACKHOE AND SKID LOADER WORK
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Idaho Alfalfa
Top Quality, High Protein
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16 FERTILIZER

Composted chicken manure, bulk or 50# bags. A.HUBLER &SONS. Natural+ Organic fertilizers. Elizabethtown. 717-367-6637

18 FRUITS & VEGETABLES

Treated cyprus tomato stakes, plastic mulch lifter #1800, $900; water wheel planter $1,000; wheels $50; Snyder County, 717-539-2272.

19 NURSERY

EVERGREEN SEEDLINGS & TRANSPLANTS. Spruce, Pine, Fir for Christmas trees & nursery stock. Write or call for price list. Croshaw Nursery, P.O. Box 339, Columbus, NJ. 08022. or call 609-298-0477

LANDYSHADE MULCH PRODUCTS 717-898-7689. Mushroom Mulch 100bu, $70; 500bu, $170, 1200bu $198. Mulch delivered FREE within 25 miles of Lancaster. We carry Bark Mulch, Topsoil

Tree Spades, 20" to 60"; Tree Planters, 3" shoe to 24" shoe; Tree Boss, one-man tree loading system. TREE EQUIPMENT DESIGN INC. RD 1, Box 104, New Ringgold, PA 17960 717/386-3515.

Container & B&B Nursery Stock, Wide Selection.
For free price list
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Schuylkill Haven, PA 17972
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GROFF TREE MOVING SERVICE
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Call Don 717-664-4587

20 LAWN & GARDEN

Case 444 tractor, 14hp Kohler, hydrostatic, 4' deck, 4' plow, new rear tires, tire chains, manuals, $900. 410-838-3001

WANTED: Wheel horse, model 800 hydro lawn tractor for parts. 717-859-4563 after 6pm

WANT TO BUY antique & old Gravelys, attachments, literature. Any condition. (610)942-4901.

21 SERVICES OFFERED

CUSTOM HAULING. 20' gooseneck trailer, hay, lumber, machinery. 85¢ mile. Over 400 miles 80¢. Lancaster Co. No Sunday Calls. 717-426-4010

Hauling w/28' rollback truck. Lavern Rutt, Mt. Joy, PA, (717)653-4725.

Liquid Manure Hauling w/ spreader truck, 3900 gal. tank, serving PA & MD. 410/756-1218.

Tree trimming, New Holland area. Meadow Brook 2-wheel carts for sale. Levi Huyard, 324 N.Railroad Ave., New Holland, PA 17557

SHAMROCK HOOF TRIMMING
Leetown, WV
- Cattle hoof trimming
- Total hoof care
- Hydraulic tilt table
- All hand tools

Tony Garza
304-725-0294
"Will Travel"

22 CUSTOM WORK

Custom Bagging, 6'&8' bags. 717/949-2366, 800/782-1757.

Custom Hauling: 24' gooseneck and an 18' flat deck. Call for info, (717)656-4694.

HERTZ-HAUL Liquid Manure Spreading Services (610)286-9708.

Will do custom hauling, local and long distance w/25' flatbed. 717-274-5379 call anytime.

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on your farm - soybeans & small grain
Newcomer Seed Cleaning
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Peanut Hulls in bulk for feed or bedding. Immediate delivery on walking floor trailers
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Liquid Fertilizer Sales & Application

9-18-9	6-24-6	30% N
5-15-15	10-34-0	12-0-0-26s
3-18-18	7-21-7	Liquid Calcium

For more information call:
DALE GOOD - 717-949-2371
ASK ABOUT EARLY DISCOUNTS

Need Something Hauled?
* 20' gooseneck horse trailer
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Local & long distance
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CORN SILAGE
Delivered to Your Farm
Dump Station
Blower Available
WEBB'S Super Gro PRODUCTS, Inc
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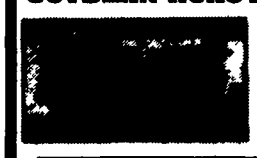
CUSTOM AG BAGGING
Sealed Feed Storage Systems100 Ton thru 300 ton Capacity 2 year black & white bags.
Competitive Pricing
PAT LEMIN
814-658-3874
James Creek, PA
"WILL TRAVEL"

WANTED
Grass Hay for mulch
Large or Small Square or Round Bales. New or Old in good condition. Picked up or be delivered.
For Sale–hay suitable for dry cows & heifers.
(610)444-1651
WANTED

Shearer's Ag-Limestone
Damp Burnt Limestone
$1.00/Ton
Product code KS 50.
Pick up at Baker's, York Plant or can be delivered.
Call Keith Shearer
(717) 792-3267

SOYBEAN ROASTING ON YOUR FARM

- Full-fat roasted soybeans for maximum feeding value
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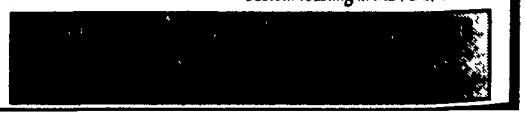

22 CUSTOM WORK

Custom baling, 3x3x8 rectangular bales Hauling w/drop desk trailer (717)933-9219

Custom Baling
JD 100
Square Baler
3'x3'x8'
Optional Knife System So Bales Are Easier To Bed Or Feed.
Lanco
(717)653-2325

CUSTOM BAGGING/GRINDING
- 6 ft Bagger & truck mounted hammermill
- Skidloader service available
- 8 ft Bagger w/dust collector

High Milling Inc.
(717) 626-8318

23 HELP WANTED

Apply now, combine & truck operators. Harvest Texas to Montana, May thru November. Must have farm experience. FRANZ HARVESTING 316-227-7679

Experience the country as a combine or truck driver for '98 Harvest. 785/428-3412 for application. Ron Smith, Jewell, KS.

Experienced person to milk cows in a modern parlor. Full or part time hours, Ridge View Farm, Elizabethtown, call David (717)367-0744.

Fulltime Assistant Herdsman, 175 cow dairy, 3X, some night milkings. Will train qualified person. Benefits. NW Lancaster County, Meadow-Vista Farms, (717)367-4626 or (717)367-1851.

Full time farm position on 1000 acre grain & dairy farm. Mechanical ability a plus. Winding Brook Farm, Bucks Co. 215-348-5514.

Full-time experienced help for modern, Lancaster Co. dairy farm, must be reliable and self-motivated. 717/898-2069.

Full-time hired person to work on beef and crop farm. Must be experienced with farming. (717)733-4516.

Help wanted: May-November, PAVLU FORAGE HARVESTING, 785-398-2326 or 785-731-6316.

IF YOU MISSED THE 1997 HARVEST, try the '98 harvest in the MID-WEST. Call 316-543-6831 days; or 316-543-2472 evenings; aks for Darrell.

Person familiar with dairy industry wanted for part-time DHIA sample taking position. Aprox 4-6 milkings per week. Excellent opportunity for retired farmer or anyone available during milking hours. Call Keith Martin 717-656-8241.

Person for Holstein dairy. Lancaster area. Must be self-starter and experienced. House and utilities. 717-464-3752

Truck drivers wanted for silage season, Apr thru Nov 1. Must have CDL or will help you get one. Randy Friesen, POB 81, Inman, KS, 67546. 1(800)279-4736.

23 HELP WANTED

Experienced help to strip tobacco
Amish Welcomed
Call Dave Lefever
717-872-7801

Part time position.
Mt. Joy poultry facility.
2 weekends per month.
717-653-4743

HELP WANTED
General Stock
Yard help
Lancaster Stockyards
Lancaster, PA
717-394-2611
or apply at office

Dairy, Swine, Ag Bus. Jobs
Employers pay us ! Nationwide. Since 1988.
AGRIcareers, Inc.
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Help for 1998 summer and fall harvest
Prefer non-smoking, non-drinking persons. New combines, New trucks
Call for info
Froese Bros. Harvesting
Inman, KS
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Nation's leading low-cost ag employment system needs applicants for hundreds of jobs $20,000-$50,000+; farming, beef, dairy, pork, agribusinesses. Many $25,000-$35,000 Employees remain confidential, Pay $50. Employers, $250. FREE brochure
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Laborers field services. Well established, progressive concrete company has immediate openings for laborers willing to travel. Construction experience helpful but willing to train. Competitive wages and benefits including profit sharing & 401K. E.O.E. Apply to:

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2655 Molly Pitcher Hwy, South
Chambersburg, PA 17201

MASON DIXON FARMS, Inc. Gettysburg, PA is looking for manager supervisor to oversee 22 milkers for 3x milking of 2000 cows. The candidate should possess good team management and communication skills. Milking is to be primary focus.
Responsibilities include scheduling, training, evaluating, hiring, and coordinating with outside supervisors, also on call milking and backup maintenance.
We provide paid: health insurance, vacation and 6 holidays. There are scheduled days off and 401 K plan available.
Call (717)334-3389 for details or fax (717)334-1633 or email: mdf@cvn.net with resume or letter of application. References required.

New York equipment distributor seeks
Ambitious Person
to sell its lines of equine, livestock and grain handling systems in areas of New York and Pa. Must be willing to travel, have good organizational skills and have some knowledge of equipment and systems. Full company benefits with retirement plan.
Please send resume to:
Empire Agri-Systems, Inc.
7240 Grant Ave., Rt. 5E
Auburn, N.Y. 13021

MILKING Equipment SERVICE TECHNICIAN
Full time position available servicing and installing milking equipment in Southeastern PA. Experience with electricity, refrigeration, plumbing and a dairy farm background helpful but not necessary. Salary, commission, paid vacation, paid holidays, retirement plan, profit sharing, health insurance. This is an excellent opportunity to become part of an established company with an excellent reputation. All replies will be kept confidential. Please send resume to:
Lancaster Farming R-47
POB 609
Ephrata, PA 17522

HARD WORKING CREW NEEDED
for Temporary Disassembly Job
Starting Jan. 5, 1998
Call Shirley at **717-354-6671**
9am - 5pm weekdays
Amish/Mennonite Welcome

National Agricultural Sales Company
looking for motivated individual to sell cleaners and sanitizers to established dealers. Salary, commission, company car, expenses and a compensation package offered. Overnight travel necessary.
Send resume to:
West Agro
5512 Hartford Drive, Fort Wayne, IN 46835

Outdoor Power Equipment Dealership Is Seeking Qualified Individual For:
Outdoor Power Equipment Control Supervisor
Must Be Self Motivated, Good Leadership Skills and Good Communication Skills
Experience Required
Good Pay, Good Benefits, Plenty of Potential
Reply to: Lancaster Farming, Box J-21
P.O. Box 609
Ephrata, PA 17522

SERVICE MECHANICS
Do you want to work for a well-established company that has experienced steady growth over the past 29 years?
We are looking for a few good TRAILER SERVICE MECHANICS.
If you are looking for a challenge and want a change, come see us. We offer competitive wages and a complete benefit package.
APPLY AT:
EBY
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1194 Main St.
Blue Ball, PA 17506

CAREER OPPORTUNITY
WORK WITH DAIRY FARMERS
Sell milking equipment, barn equipment and related supplies and parts. Assume established accounts and develop new accounts in southeastern PA. Must have sales experience and a dairy farm background. Salary, commission, truck and fringe benefits. Earnings potential from $40,000 to $60,000. If you enjoy working with dairymen, this is an excellent opportunity to become part of an established company with an excellent reputation. All replies will be kept confidential. Send resume to:
Lancaster Farming R-46
POB 609
Ephrata, PA 17522

Farm Production Manager
An energetic person with management and organizational experience needed for a busy, productive, family owned and operated farm. Farm includes a Pick-your-own operation, fruit orchards, small fruits, over 50 acres of sweet corn, pumpkins, and an assortment of vegetables. Full-time position available. A spray license and management experience preferred. Fruit, Vegetable, and field crop experience required. Minimum 3 years of experience or a strong agricultural education backround. Salary based on experience. Benefits available. Include on resume salary requirements. Mail resume to:
LINVILLA ORCHARDS
137 W. Knowlton Rd.
Media, PA 19063

DAIRY AGENT
PENN STATE
COOPERATIVE EXTENSION

Penn State Cooperative Extension is seeking a Dairy Agent to serve Washington (base county), Allegheny, Fayette and Greene Counties to be responsible for conducting a comprehensive extension education program in areas related to dairy production and management. Identify opportunities and educational needs of clientele as they relate to management and profitability of the dairy industry. Develop, implement and evaluate programs for both adults and youth in subject matter areas related to dairy.

A Bachelor's degree in dairy production or a related field is required. Master's degree is preferred. Related work experience in extension and/or dairy industry is desirable. Candidates should possess teaching, program development and evaluation skills, demonstrate positive human relations and effective communication skills.

Cooperative Extension is a unit of Penn State and as such offers a competitive salary and a liberal benefits package. The closing date for accepting resumes and applications is January 31, 1998 or until a suitable candidate has been selected.

Applications and detailed position announcements are available by writing or calling Human Resource Services, Box SWW3, 307 Agricultural Administration Building, The Pennsylvania State University, University Park, PA 16802, 814/863/3452. An Affirmative Action/Equal Opportunity Employer. Women and Minorities Encouraged to Apply.

24 SITUATIONS WANTED

Lancaster County Man and family desires to live and work on cattle and or horse ranch. Very honest, reliable, hard working bunch. Willing and able. Call anytime 717-464-1528.

Part time position on dairy farm, milking, feeding calves etc., evenings and weekends. Within 45 minute radius of Thompsontown. Some experience. Call 717-535-4437 leave message.

25 BUSINESS OPPORTUNITIES

Be your own boss. Earn over $50,000/yr with in home business. Only $243 start up cost. Money back guarantee. Call (717)866-4928 or (800)331-5043.

Farmer's Market- Vendors Needed. Prime location Bethlehem/Easton. A/C renovated supermarket opening early February. Seeking large variety foods, crafts, furniture etc. (610)258-2330; (610)861-3772, evenings.

Fertilizer, lime, farm chemical business, equipment, property. Almost no competition! Expand! Call Jerre, Mountain Valley Real Estate, 717/762-9329.

25 BUSINESS OPPORTUNITIES

BUSINESS OPPORTUNITY
Wanted! Movers and Shakers. No, this is not a diet plan! We sell state-of-the art air purification systems that are portable as well as affordable. We are one of the fastest growing companies in the country, and we want to add three key sales people in your area. This is an outstanding opportunity for the right persons. Call today for a confidential interview:
(717) 445-6478

For Lease: 80,000 bushel grain storage facility, scales, dryer, 3-phase, grain leg, 250 bushel pit. 1/4 mile off U.S.15. Adams Co. 717-528-4134

Tahitian Noni (tm) Juice, 24 hour toll free hotline. Call 1(888)733-0335 and then call Mr. Read (717)354-9629.

We help you earn $50,000 a year with only $243 start up cost. 717/866-4555.

WINTER—TIME WORK. Earn $25,000 this winter working part-time in the livestock or farm equipmetn appraisal business. For information call 1-800-488-7570

26 HOUSEHOLD

1 used gentleman janitor stoker for steam, Model GJ52, w/domestic hot water heater, pot has been rebuilt. 1 new Esheiman wooden coal stove, for hot water system. 717-698-5601.

27 PETS

For sale or Trade, AKC collie, champion-bred, worth over $500, male, excellent obedience prospect. Full brother to Canadian show Doe. Call Ron Hevener 717-664-5089

Gentle, bright and beautiful registered Border Collie Puppies. Working parents. Vaccinated and wormed. (717)653-2318.

GOING OUT OF BUSINESS SALE! AKC St. Bernard dogs. 1 male, 2¼ years, $400. 5 females, 2 yrs., $100 each. 3 females, 6 yrs., $50 each. 3 males and 2 females, 5 mos., $100 each. 717/837-1189.

Mastiff, male, 1 year old, fawn, AKC, champion bloodlines. 717-687-9059

Rottweiler male, proven breeder $75. Boxer breeders 2 males & 2 females $150/ea. Irish Setter puppies All AKC. 717-270-4981

Siberian Huskies, AKC, excellent marking, red, sable & black, asking $300. 717/362-3802 6:30-7pm.

St. Bernard puppy, 9wks, female, family raised, exceptional temperment, $350. 717/582-8285.

27 PETS

PUPPIES WANTED
All kinds - AKC, Pure and Mixed
Call Randy 717/822-2033
Call as early as 2 weeks old for dependable pickup at 7, 8, 9 weeks old.

27 PETS

13 Labadore breeders, 9 yellow females, 2 black females, 1 chocolate female, 1 yellow male, ages 1-5 years, $2500 must take all. Chris Ebersol, 369 Old Dam RD., Christiana, PA 17509 717-442-3136

AKC Chow Chow puppies, nice temperment, black and cinnamon, friendly and healthy. They have all their shots and papers, smart and easy to train, $300/ea. 717-426-2962.

AKC English Mastiss, 3 years old, male, proven stud, very friendly. (814)766-2822.

AKC German Shepherd puppies. German bloodlines, ex temperment, hips guaranteed. (Black, Black/tan, Black/silver).Oak Ridge Shepherds. Details (717)323-1494.

AKC Lab Pups, shots, wormed, good bloodlines, family raised, males $175. (717)369-4568.

AKC Yellow Labs, females $200, males $175. Farm raised. Henry Martin, 494 Quarry Rd., New Holland, PA, 17557. Send card w/ phone number if interested.

ANIMAL ENCLOSURES: Portable, custom built, extra strong. Reasonable. Call 7am or after 5PM. 717-822-7820

Australian cattle dog puppies, blue heelers. Guaranteed to work. 304-754-7391

Bichon Pups, papers, shots, wormed, $250; also chocolate Cocker Spaniel puppies. 717/838-5986.

Blue heeler pups for sale. Good cattle dogs and good for children. 717-362-9399 leave message.

Cocker males 5mos. $50/ea. Shih-tzu males 7mos. $150/ea. 717-733-7751.

Double Registered Australian cattle dog pups, guaranteed to work, parents excellent disposition, ready to go. no Sunday calls. 301-842-2578.

Pups Wanted!!!
In litter lots to 8 weeks old only.
Pure and cute mixed breeds handled.
No Dalmations wanted/needed
Daily pickups in Penna.
Call **ONLY** if you have pups ready to sell.
Call mornings or evenings 7-8... keep trying
JO JO
609-452-9291 or 410-778-1429

WANTED Puppies For Pets
AKC, Purebred, or Mixed Litters.
Please call when 4 to 5 weeks old.
Forest Ridge Kennel
296 S Vintage Road
Paradise PA 17562
717-442-4259
Stud service available for many breeds.

WANTED
AKC Registered Rottweiler Pups Top Prices Paid
1-800-349-9970
If you have Rottweiler puppies for sale, call us before 8 a.m..
cut out this ad

AKC German Shepherd & Akita Stud Service available.
Will board female.
100 Haiti Road
Quarryville, PA 17566

WANTED PUPPIES
Pure & Mixed Litter lots for resale for companion pets
JACK'S DOG FARM
215-766-8802
or
215-766-8840
leave message
Tues.-Sat. 9 am - 5 pm

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31 NOTICE

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32 MISCELLANEOUS

MORBARK Wood Tub Grinders model 1100 w/11' Tub and Model 1000 w/10' Tub, Caterpillar Engine, low hours, good operating condition. Make mulch, grind stumps, wood scrap, pallets etc. Jeffery Hammermill 1000 hp. & 520 hp. motor. All types of used machine tools and metal Fab equipment. Call for list. 410-945-0040.

Molding sander, 2 head, power feed, $2500. 717/354-3105.

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Sander, 16' block w/(2) 8" wide belts, 5hp/head, fair condition, $1650. 717/354-3105.

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Three OLD FIRE TRUCKS, all pumpers, 1952 Mack deisel, 1928 American LA France and a U.S.A. Two will run. call evenings, 717-588-6350.

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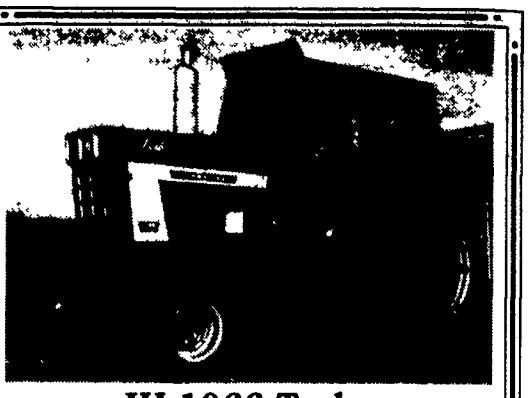
'93 Ford XL F150 4x4, 302 EFI, 5 spd, PS, PB, air, AM-FM cassette, 52,000 one owner miles, new radials, excellent condition, $11,995. 717-733-2873

'97 Chevy Suburban, 4x4, diesel, leather, rear heat and air, towing package, 8,000 miles. Call Evenings. 814-793-2978

'97 Ford F-150, 3-door, 6', 2WD, 13K, V8, automatic, front damaged, $5800. '95 Ford E-350 Clubvan, diesel, 40K, no motor, tran, interior, $5600. '97 Ford Aerostar, V6, auto, 3000K, rolled w/rear clip, $7500. Call 610-838-7271

Ford 86 Bronco, 4WD, Edd Bauer, auto, deluxe int., ex condition, low mileage, good the snow, $4,50(717/871-9752.



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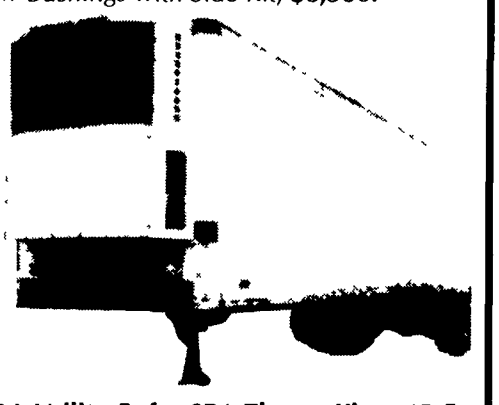

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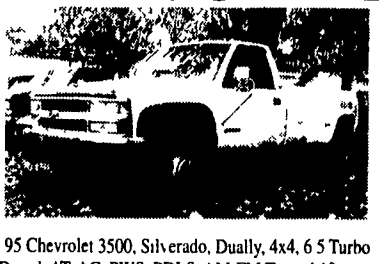
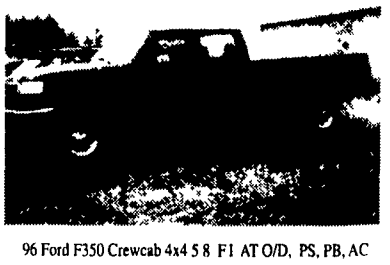


95 Chevrolet 3500, Silverado, Dually, 4x4, 6 5 Turbo Diesel, AT, AC, PWS, PDLS, AM-FM Tape, 4 10 rear, 29,000 miles, White, 10,000 GVW
$23,500



96 Ford F350 Crewcab 4x4 5 8 FI AT O/D, PS, PB, AC PW PDL AM/FM Stereo, 37,000 Miles
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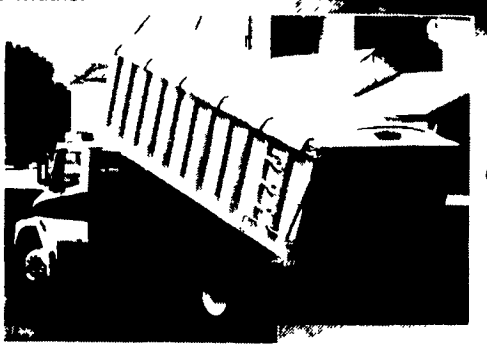

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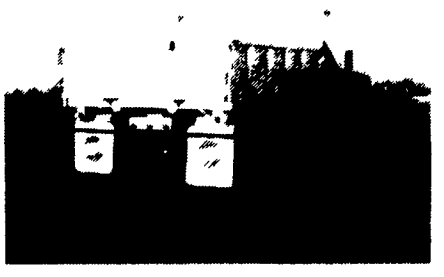

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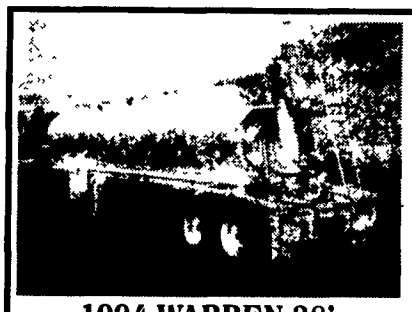

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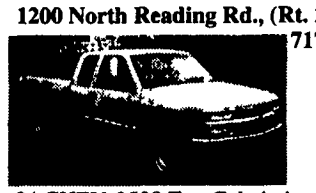
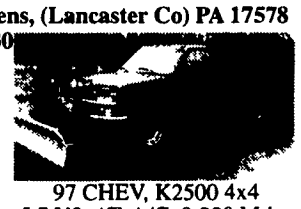
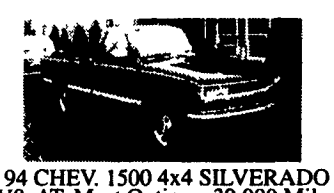


94 CHEV. 2500 Ext. Cab 4x4
6.5 Turbo Diesel, AT, A/C, 66,000 Miles



97 CHEV, K2500 4x4
5.7 V8, AT, A/C, 9,000 Miles
Meyers P/A Plow, Dk. Green



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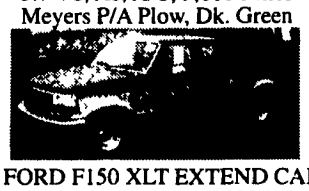
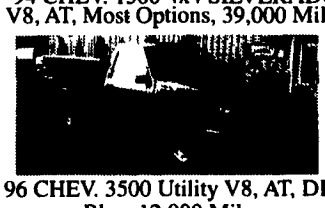
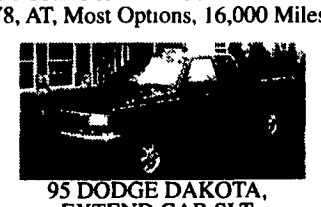


96 FORD F150 XLT EXTEND CAB
V8, AT, Most Options, 16,000 Miles



96 CHEV. 3500 Utility V8, AT, DK. Blue, 12,000 Miles



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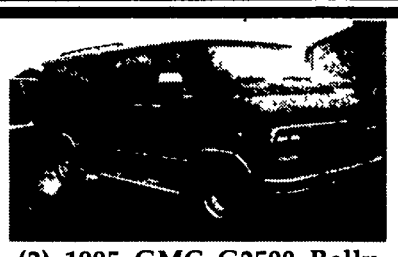
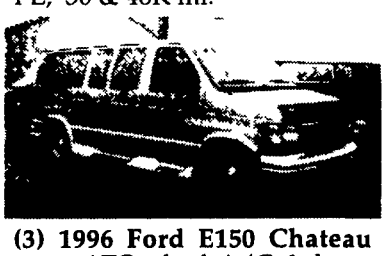
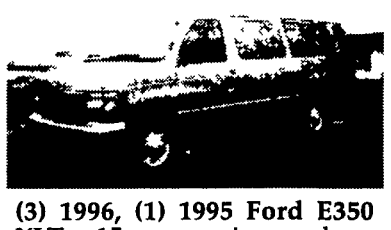


(2) 1995 GMC G2500 Rally STX, 8 pass, 350, dual A/C, privacy glass, tilt, cruise, PW, PL, 30 & 46K mi.

1996 Chev G1500 Express LS 8 pass, 350 V8, dual AC & heat, cruise, PW, PDL, tilt, privacy glass, 12,000 miles. Stock #2553



(3) 1996 Ford E150 Chateau 351, ATO, dual A/C & heat, privacy glass, swing doors, PW, PL, tilt, cruise, quad captain & sofa bed 26-33K mi.



(3) 1996, (1) 1995 Ford E350 XLT, 15 pass, privacy glass, tilt, cruise, PW, PL, dual A/C & heat 21 - 49K mi.

1995 Ford E150 XLT, 8 pass, 351, dual A/C & heat, privacy glass, tilt, cruise, PW, PL, swing doors, black, 42K mi. also 97,94, 93 available

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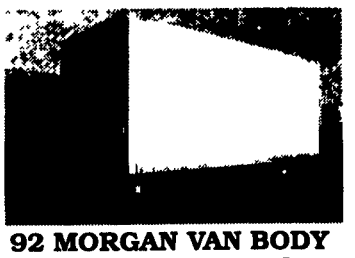
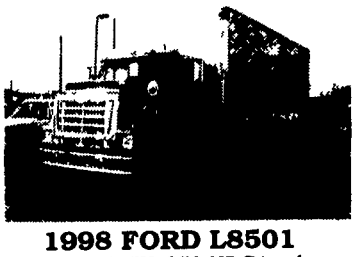
1997 FORD LT 9513
350 Hp Cat Eng , 10 speed, 15' Steel Dump Body, 56,000 GVW
$78,900



92 MORGAN VAN BODY
20', 96" High, Roll-Up Rear Door
$3,800



1998 FORD L8501
33,000 GVW, 250 HP Diesel, 5+2 Speed, 20' Van Body, Only 1,500 Miles
$44,000

1989 FORD SUPER DUTY F-450
460 V-8, 9' Flat Bed, 5 Speed, 60,000 Miles
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1998 FORD LT 9522
410 Hp Cat Eng , 10 Speed, 17 1/2 Alu , Dump Body w/Lift Axle
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96 Dodge Sport Black, 4 Cyl., 5 Sp, AM-FM Cas, AC, 18,967 Mi.....**$9,900**

96 Dodge Dakota SLT 4x4, Ext-Cab, Magnum Black/Gray, V8, AT, AM-FM Cas., AC, PW, PL, CC, Tilt, Airbag, 43,585 Mi.....**$16,900**

96 Geo Tracker Conv., 2 Dr, 4x4, White, 4 Cyl., AT, AM-FM ST, Airbags, 7,925 Mi.....**$10,900**

95 Jeep Grand Cherokee Laredo, 4 Dr, 4x4, Green, 5.2 V8, AT, AM-FM Cas., AC, PW, PL, CC, Tilt, Airbag, 22,250 Mi.....**$18,900**

95 Ford Explorer XLT, 4 Dr, 4x4, Black, 6 Cyl., AT, AM-FM Cas, AC, PW, PL, CC, Tilt, Airbags, 77,165 Mi.....**$15,800**

95 Dodge Ram 3500 Magnum Cargo Van, Blue V8, AT, AM-FM St, AC, CC, Tilt, Airbag, 65,945 Mi.....**$10,900**

95 GMC Jimmy SLE 4 Dr, 4x4, Vortec White, 4.3 V6, AT, AM-FM Cas, AC, PW, PL, CC, Tilt, Pwr-Seat, Keyless Entry, Airbag, 49,390 Mi.....**$16,900**

94 Isuzu Trooper, 4 Dr, 4x4, Black, V6, 5 Sp, AM-FM Cas, AC, PW, PL, CC, Tilt, 43,725 Mi.....**$13,800**

94 Jeep Wrangler Softop, 4x4, Black, 4 Cyl., 5 Sp, AM/FM/CD, 50,085 Mi.....**$9,900**

92 Chevy Astro Ext, CL, AWD, Red/Gray 4.3 V6, AT, AM-FM Cas, ABS, AC, PW, PL, CC, Tilt, 82,830 Mi.....**$8,900**

91 Chevy Astro Ext, Hi-Top Conv., AWD, 7/Pass Maroon, 4.3 V6, AT, AM-FM Cas, AC, PW, PL, CC, Tilt, Color-TV, 92,652 Mi.....**$7,900**

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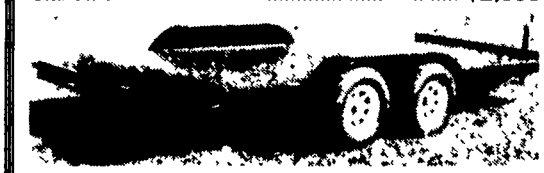
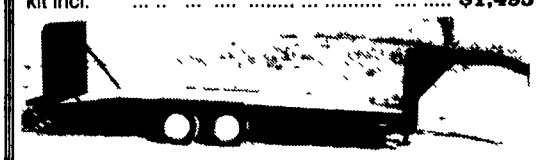
Gooseneck, 20x5 ..... **$5,000**

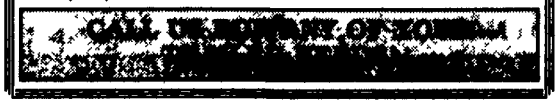
24' Gooseneck, 4' dovetail, 12,000# G.V.W., 6,000# axels w/easy lube, electric brakes, 7.50-16 tires, breakaway kit, ramps w/pressure treated deck, standard **$2,950**



16' Car Hauler, diamond plate deck with W/D rings, self storing ramps, 7,000# G.V.W., 3,500# axels w/elect brakes, 82" between wheel wells, breakaway kit incl. **$1,495**



21' Low Profile, 10,000#, axel w/easy lube, elect brakes, pressure treated deck, 10,000# G.V.W., gooseneck **$3,100**
Bumper pull **$2,950**



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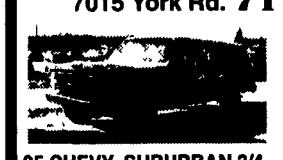
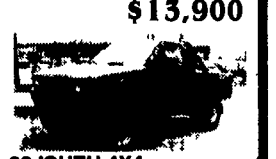


85 CHEVY SUBURBAN 3/4 Tow 4x4 V 8 Auto PS AC **$6,500**

95 CHEVY S-10 Blazer, 4 dr, loaded 12 mo/12 000 warranty **$13,900**

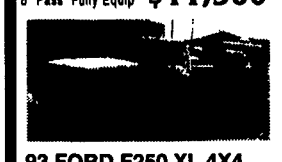
88 FREIGHTLINER C112, Tri-Axle Dump Cummins 315 8LL Road Range, 46,000 # Rears 20,000# Front, 17-1/2 Alu Ravens Heated Box 356,000 miles **$39,000**



88 ISUZU 4X4 4 Cyl 5 Speed PS PB Removable Hard Top **$4,500**

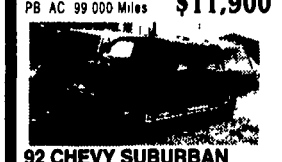
95 PLYMOUTH GRAND VOYAGER 8 Pass Fully Equip **$11,900**

89 CADILLAC SEDAN DeVILLE One Owner - Mint Cond All Service Records **$6,995**



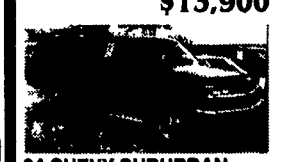
93 FORD F250 XL 4X4 8600 GVW Meyer Power Angle Snow Plow 351 V 8 Auto PS PB AC 99 000 Miles **$11,900**

91 FORD EXPLORER XLT 4X4 V 8 Auto Fully Loaded **$8,995**

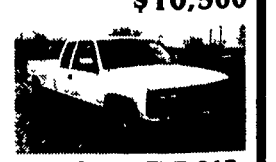


92 CHEVY SUBURBAN 2500 SERIES 4x4 Silverado Loaded **$13,900**

87 FORD F350 Bucket Truck, V-8, 4 Speed, PS PB, 67,000 miles **$10,500**



94 CHEVY SUBURBAN 1500 4x4 Loaded, Mint Cond High Miles **$18,900**



90 GMC 1500 EXT. CAB 4x4 Loaded **$10,500**

92 FORD EDDIE BAUER BRONCO 4x4 V 8 Auto Loaded 12 mo/12 000 warranty **$10,900**

89 GMC SUBURBAN 4x4 350 V 8 Auto PS PB Dual AC Barn Doors 12 mo/12 000 Warranty **$11,700**

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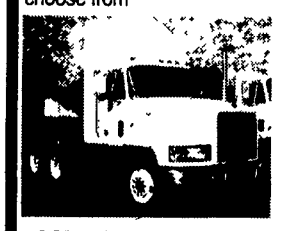
1993 CH 613, E7-350, RTX 14709H, Air-DS402-411R, Steel Disc, Hubpilot, 192WB, 42 in. Highnse, Tank Fairings, 500,000 miles. Plenty to choose from.



(7) (5) 1994 CH 613 (Clean Trucks), Day Cabs, E7-300 (could be made 350) RTX 1709H, 9-Spd, 12 Frt, 38 Air Ride, Eaton Rears, 4.11 R, 151" WB, 22.5 Disc. Wheels, PS, AC.

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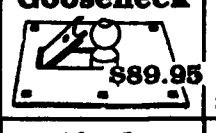
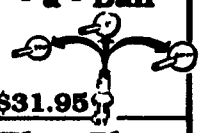


Convert - a - Ball $31.95



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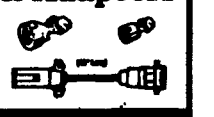

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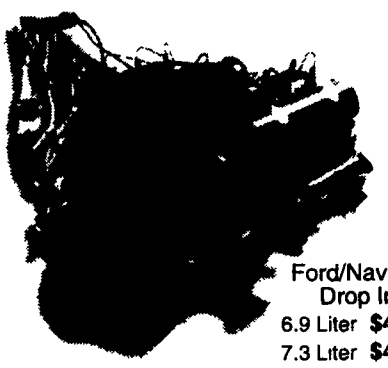

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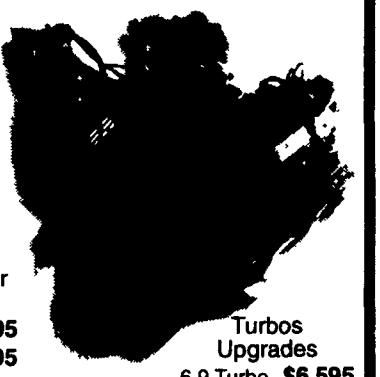

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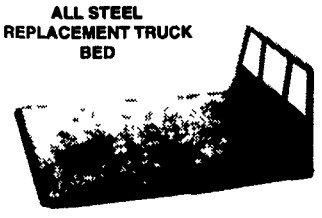

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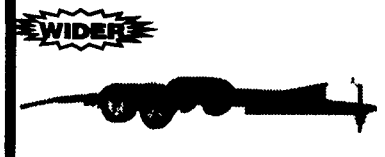

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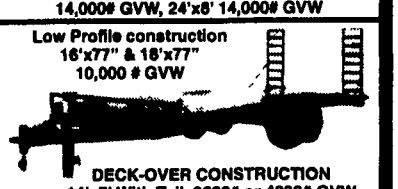

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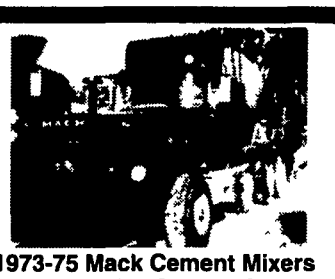

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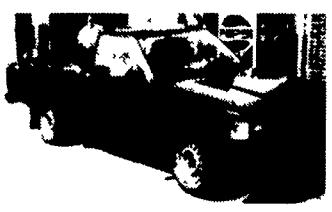

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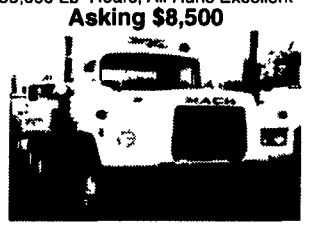
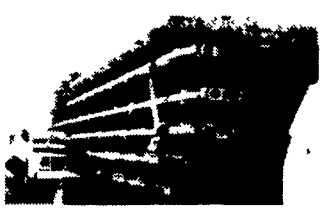
4 Cyl., 5 Spd. Trans., AM-FM Radio, A/C, Excellent Condition, High Milage



1977 Mack R Model tractors,
300 engine, 5 spd., 38,000 lb. rears, power steering



New flatbeds available.
Sizes currently available are 12', 14', 20', 22' and 24'. Racks are also available

2- Towmotor Forklifts
4 cyl. flat head gasoline, 2000 lb capacity, 36" forks, solid tires
Asking $1,500 Each

1979 Crane Carrier Cement Mixer,
10 Yd. Rex Mixer, 230 Cummins, 8 Spd. Trans., 44,000 Lb. Rears
Asking $8,500

Used Overhead Door For Sale
16'H x 14'W
Asking $550

Yale Electric Hoists
1/2 ton cap., 440 volt, single and three phase. .
Asking $350/ea.

2000 lb. Yale Forklift
4 cyl. gas, 36" forks, solid tires.

Pedestal Grinder
Baldor 2 Hp., 3 phase, 220 amps

Toledo Scale
1,000 lb. Capacity

Oil Heaters
250,000 BTU's

We have Aluminum Tanker/Trailers

Wm. Cohen & Sons
Thorndale, PA
(610) 269-1298
Call between 7 am - 4:30 pm

35 TRUCKS & TRAILERS

1993 Ford L8000, GVW 33,000, 24' bed, very good condition, $21,500. (410)879-1981.

28' flatbed trailer, needs floor, tires & brakes good. 717/837-0059.

32' Gooseneck flatbed, 8' upper deck, 15,000# GVW, $3900 OBO. 717-687-6614

366 Chev gas motor 410-941-1113.

1990 Ford F250, V8, 351hp, automatic, 4x4, many extras, red & silver, 113K, $7900. 717-867-1201

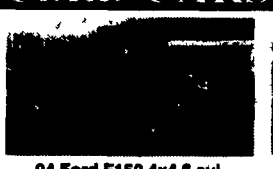
1991 GMC Sonoma sport truck. V-6, 5 speed, A/C, cruise, black w/grey cloth interior, 6' bed w/bedliner, 74,500 miles. New tires, VG shape, $4,500 OBO. (610)488-0736.

1992 Dodge 250, Cummins diesel, auto, PW, AC, 91,000 miles, $11,000 OBO. 717/768-7492.

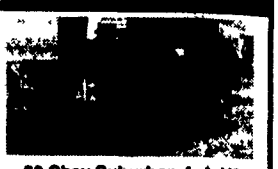
1987 Ford with New 18 1/2 Ft. Silage Body with Hydraulic Tail Gate Needs a Home/Make Offer $19,500
Curry Supply Co., Curryville, PA
1-800-345-2829 Ask For Joe

WILLIAM H. WESSELS USED CARS

91 Ford F700, 20' Reefer Box, Diesel, 25,800 GVW
$10,900



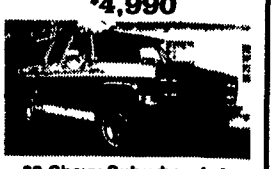
94 Ford F150 4x4 6 cyl, 5 speed, AC, 100,207 miles
$10,900



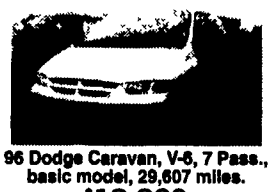
88 Chev Suburban 4x4, V8, Auto, AC, Only Average
$4,990

92 GMC SLX 15-pass Van 350 V-8, Auto, AC 121,207 miles
$7,990

92 GMC K2500 4x4 350 V-8, Auto, AC, 138,207 miles
$8,990

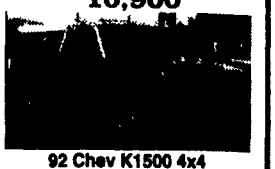


89 Chevy Suburban 4x4, Auto, PS, PB, AC, Centurion Conv., Local Trade
$10,900

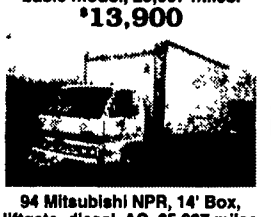


96 Dodge Caravan, V-6, 7 Pass., basic model, 29,607 miles.
$13,900

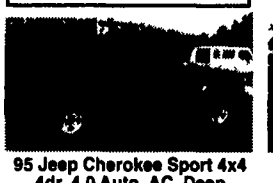
17 Dodge Caravans '88 - '96 $2,490 to $14,900



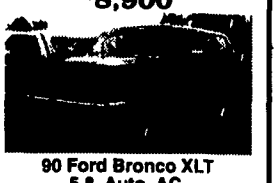
92 Chev K1500 4x4 V-6, 5 speed, PS, PB, No AC, 92,105 Miles
$8,900



94 Mitsubishi NPR, 14' Box, liftgate, diesel, AC, 85,207 miles
$12,900

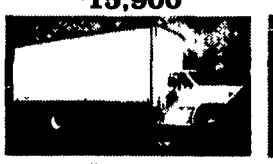


95 Jeep Cherokee Sport 4x4 4dr, 4.0 Auto, AC, Deep Green, 36,012 Miles
$15,900



90 Ford Bronco XLT 5.8, Auto, AC, 80,107 Miles
$8,990

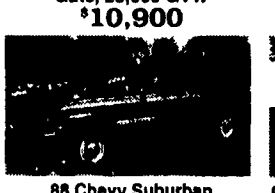
16 Jeep Cherokees & Grand Cherokees 1987 - 1996 $5,990 to $23,900



89 Ford F700, 20' Box, 429 Gas, 5 + 2 Speed, Power Lift Gate, 23,000 GVW
$10,900

87 Ford F150, 4x4, V-8, Auto
$4,990

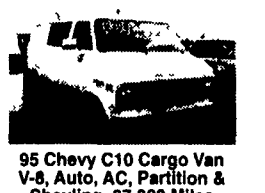
96 Ford Windstar GL, 3.8 Liter, V-6, Auto, AC, 66,627 Miles
$12,900



88 Chevy Suburban 3/4 Ton, 4x4 Diesel, 126,208 Miles
$8,990

93 Chevy Suburban Silverado Nicely Equip., 79,806 Miles
$19,900

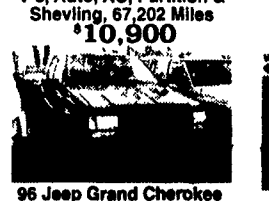
92 Dodge Ram 150 4x4 Pickup V-8, 5-Speed, 71,207 miles
$7,990



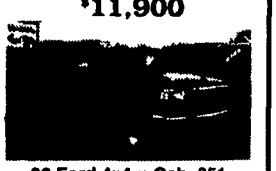
95 Chevy C10 Cargo Van V-8, Auto, AC, Partition & Shelving, 67,202 Miles
$10,900

95 Jeep Cherokee Sport 4.0 Litre, 6 Cyl, Auto, PS, AC, 90,602 Miles
$11,900

96 Dodge Caravan SE, V-6, Auto, PS, PB, AC, 60,207 Miles
$12,900

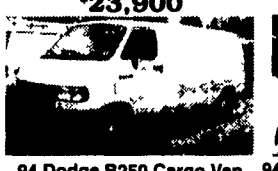


96 Jeep Grand Cherokee Limited, V-8, Auto, Nicely Equip., Leather, Power Moonroof, 37,602 Miles
$23,900

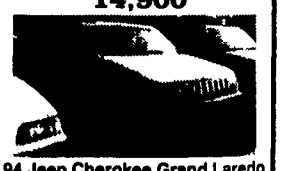


96 Ford 4x4 x-Cab, 351 V-8, Auto, PS, PB, AC, 97,207 Miles
$14,900

89 GMC K1500 V8, Auto, 69,207 Miles
$9,900



94 Dodge B250 Cargo Van V-8, Auto, AC, 42,307 Miles
$12,900



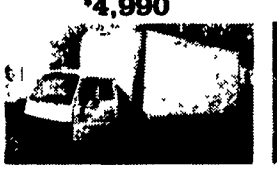
94 Jeep Cherokee Grand Laredo 4.0 Litre 6 Cyl, Auto, PS, AC, 67,805 Miles
$15,900

96 Chevy Tahoe LS 4x4 4dr, 350 V-8, Nicely Equip, 42,000 miles
$24,900

90 Ford Ext. Cab window van, V-8, Auto, AC 88,207 miles
$4,990

88 Chevy Alum. Walk-In V8, Auto
$8,990

93 GMC Suburban, 350 V8, Auto, AC, Barn Doors, One Owner, Rear Seat & AC, 75,206 Miles $20,900



93 UD1300 - 16' Box, 13,000 GVW, 126,207 miles
$11,900

90 Chevy K1500 Shortbed Meyers Angle Plow, 100,206 Miles $8,990

93 GMC Cargo Van, Short Wheel Base, Windowed, V6, Auto, PS, 112,206 Miles
$3,990

88 Chevy C-70 22' Box V-8, 5+2 Speed, Only 14,000 Miles
$13,900

92 Dodge Ram 350, 10' Enclosed Utility Box w/Power Lift Gate, One Owner, 61,206 Miles
$11,900

WILLIAM H. WESSELS USED CARS
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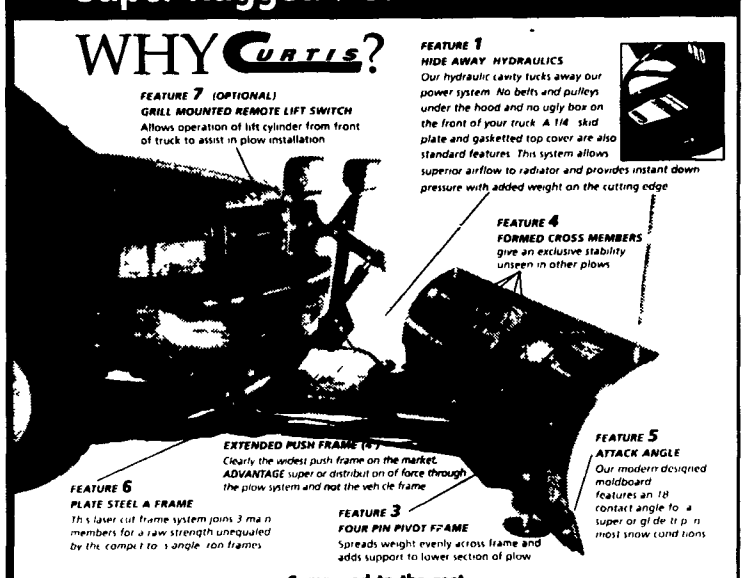
1-800-440-4433 1-717-432-2918
Notary Public Temporary Tags

Super Rugged ♦ Commercial Grade

WHY CURTIS?



FEATURE 7 (OPTIONAL) GRILL MOUNTED REMOTE LIFT SWITCH
Allows operation of lift cylinder from front of truck to assist in plow installation

FEATURE 1 HIDE AWAY HYDRAULICS
Our hydraulic cavity tucks away our power system. No belts and pulleys under the hood and no ugly box on the front of your truck. A 1/4" skid plate and gasketted top cover are also standard features. This system allows superior airflow to radiator and provides instant down pressure with added weight on the cutting edge

FEATURE 4 FORMED CROSS MEMBERS
give an exclusive stability unseen in other plows

EXTENDED PUSH FRAME (A)
Clearly the widest push frame on the market. ADVANTAGE super or distribution of force through the plow system and not the vehicle frame

FEATURE 6 PLATE STEEL A FRAME
This laser cut frame system joins 3 main members for a raw strength unequaled by the competition's angle iron frames

FEATURE 3 FOUR PIN PIVOT FRAME
Spreads weight evenly across frame and adds support to lower section of plow

FEATURE 5 ATTACK ANGLE
Our modern designed moldboard features an 18° contact angle for a super original design in most snow conditions

Compared to the rest...

Curtis Feature #	Description	Fisher	Meyer	Western	Boss	Snoway
1	Hide away Hydraulics					
2	Extended Push Frame					
3	Four Pin Pivot Frame					
4	Formed Cross Members					
5	Attack Angle					
6	Plate Steel A Frame					
7	Grille Mounted Lift Switch Option					

NO!

ROCK SPRING HARDWARE

in CECIL COUNTY
28 Miles South
Of Lancaster
1320 Rock Springs Rd.
(Rt. 222)
RISING SUN
Hours:
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8 am-8 pm;
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KELLER BROS.

Ford

(Buffalo Springs) Lebanon, PA
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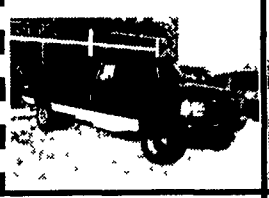
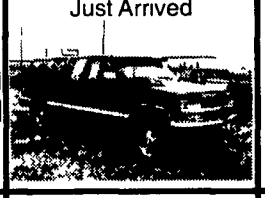
HEAVY DUTY & LIGHT DUTY TRUCK CENTER

1997 FORD F250
Heavy Duty Diesel, Super Cabs (3 In Stock)

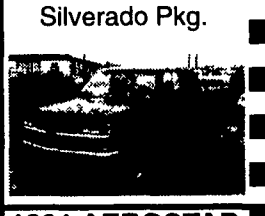


1994 CHEVY K1500 SUPERCAB 4X4
Silverado, AT, V8, Local Trade, Loaded, Just Arrived



1990 F150 S/C 4x4
AT, V8, Low Miles, Loaded #8194
$13,750

1995 CHEVROLET 1500 SUPER CAB, 4x4, AT,V8, Silverado Pkg.



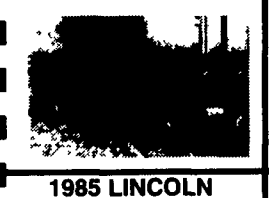
1993 MERCURY VILLAGER GS
Now $9,900

1990 FORD RANGER XLT
Local Trade, Clean
$4,450

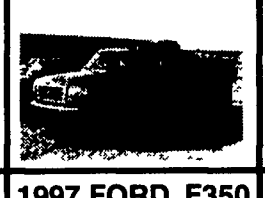
1987 FORD F150 CUSTOM
Clean Truck
Local Trade
$5,995

1991 AEROSTAR
E.B. Dual A/C, Loaded, 4x4, Low Miles #3226
$10,900

95/96 WINDSTAR
Low Miles, 7 Pass, Loaded, Dual A/C
4 IN STOCK

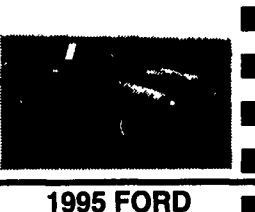


1997 FORD F350
4x4, DRW Dump Truck 10' Box, 7.3 Diesel

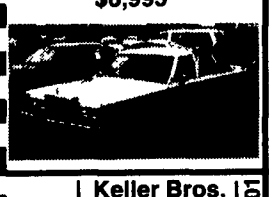


1998 FORD E250 H.D. CARGO VAN
5.4 L, AT, Work Bin

1986 ISUZU 4x4
4 cyl.
$2,875



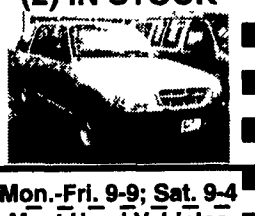
1985 LINCOLN TOWN CAR
39,700 Orig. Miles
Local Trade
$6,995

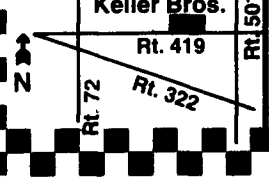


1997 FORD F350 CREW CAB
4x4, XLT
3 IN STOCK

1989 FORD F150 4X4
AT, V8, XLT
$8,995

1995 FORD EXPLORER XLT
4x4, 4 door, Low Mileage
(2) IN STOCK





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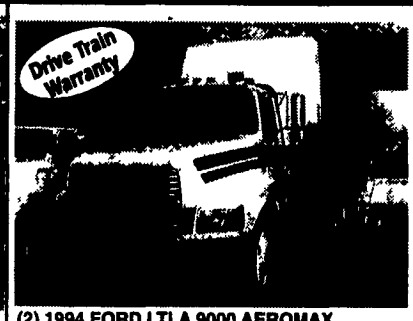
Mon.-Fri. 9-9; Sat. 9-4
Most Used Vehicles Carry a 3 year Unlimited Mileage Warranty

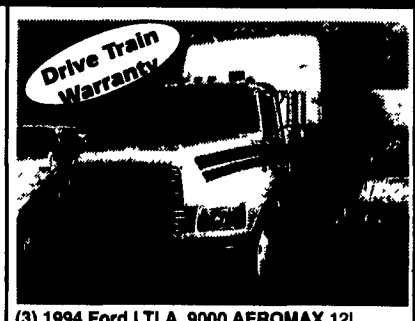
ALL USED TRUCKS IN INVENTORY REDUCED FOR END OF YEAR CLEARANCE!

MUST GO!!!

1996 Ford F450, 7 3 Power Stroke Diesel, 5-Speed, 15,000 GVW, 4,536 Miles, A/C, PS, Yellow, Supreme 14 ft ThermoKing 0° Body

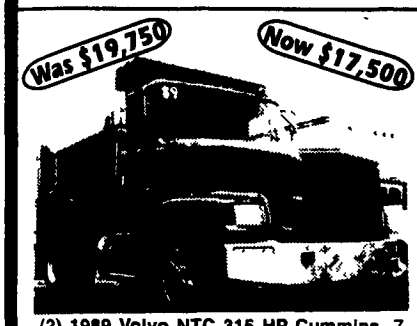


(2) 1994 FORD LTLA 9000 AEROMAX, Cummins N 14 430 HP, 9-Spd Trans , 12,000 FA, 40,000 RA on Air Ride, 60" Sleeper w/ Heat & Air, 227" WD



(3) 1994 Ford LTLA 9000 AEROMAX 12L Detroit Diesel, 430 HP, 9-Spd Trans , 12,000 FA, 40,000 RA, on Air Ride, 60" Sleeper w/Head & Air, 227" WB

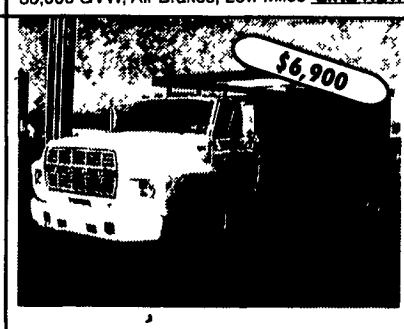
1993 Ford Cargo CF8000, Cab & Chassis Only, 7.8L 210 HP Engine, 6-Speed, 12,000 Front Axle, 21,000 Rear Axle, 225" WB, 195 CA, 33,000 GVW, Air Brakes, Low Miles **LIKE NEW**



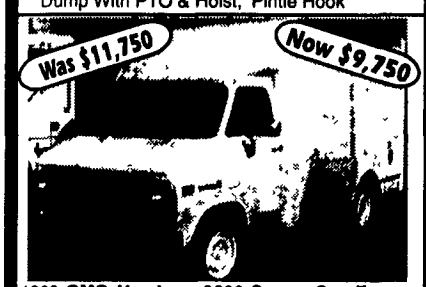
(2) 1989 Volvo NTC 315 HP Cummins, 7 Spd , 12+23 Axles, Air Brakes, NEW 10' Dump With PTO & Hoist, Pintle Hook

1995 GMC W4, AT-OD, 11,000 GVW, A/C, 14 ft Van Body - Dock Height, 85,000 Miles

1994 Isuzu NPR, 14,000 GVW, AT-OD, A/C, Cab & Chassis, 138,000 miles



1984 Ford F700, 8 2-195 HP Diesel, 5/2 Trans, 27,500 GVW, 207" WB, PS, 16 ft Stake Dump, White



1992 GMC Vandura, 3500 Series, Gas Engine, AT-OD Trans, 10 Ft Morgan Body, 8600 GVW, Single Rear Wheel

KEYSTONE FORD TRUCK SALES

Ford TRUCKS

Ford TRUCKS

470 Penhar Rd., I-83 at 322 East,
P.O. Box 4194, Harrisburg, PA 17111
Sales Dept. Hours: Monday-Friday 8 am to 5:30 pm

(717) 564-6661 or (800) 669-6235

1978 Int. welders truck w/673 V6 Detroit diesel, 5000 mi. on motor, $3500 OBO. Must sell. 215/536-2674.

1983 359 Peterbilt, 60" sleeper, 400 Cummins w/9 speed, air ride. (215)249-1826.

1984 Ford F150 pickup, 4 speed, 4WD, $2,500. 1986 Grand Am Pontiac, automatic, $12,000. (717)432-8587.

1985 Ford 7000 w/lime body, low mileage, excellent shape, $7000. 215-348-5514

1987 Chevy pickup, 3/4 ton, 4x4, 4 spd., 87,000 miles, $4,500 OBO. (610)683-7993.

1987 diesel Int. Metro II van, 16' bed, 133,000 miles, excellent condition. Must see to appreciate, $8,700. (410)836-8953.

1987 GMC Brigidere, single axle tractor, 671T, good condition, $5800. 717-776-7725

1988 36' Encounter Gorgie Boy Motor Home, sleeps 5/6, private quiet bedroom, bath w/shower, TV/VCR, microwave, pantry, heat/air condition, phone hookup, spotlight, back-up camera, auto jack level, generator, basement storage. Must see to appreciate, like new condition. Serious inquiries only. $32,000. (410)836-8953.

1988 Ford LNT9000, twin screw, good condition, 384,000 miles, $12,000. Roger 8-5 717/393-4441.

1989 60 Series Chevy w/48' flatbed Kalyn trailer, $11,000 OBO; 48' 102 flatbed trailer, side kit, $11,000. 717/248-3873 leave message.

1990 Chevy pickup, 4x4, long bed, Silverado, excellent shape, (610)779-3284.

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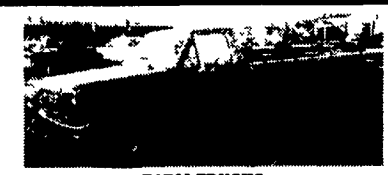

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89 FORD F250 4x4 V8, Auto
86 FORD 150 4x4 V8, 4 Sp.
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CREW CAB DUALLY 96 CHEVY Like New, Only 7,915 Miles, Remaining New Tk Warranty, High Output, 6.5 Turbo Diesel, AT, A/C, Power Everything, 4:10 Gears, Heavy Duty Tow Pkg.

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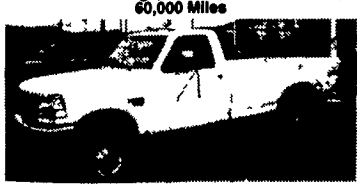
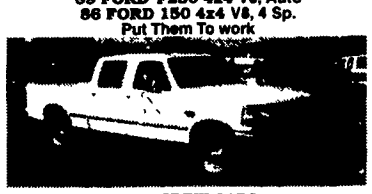
7.3 Diesel, AT, A/C, Captain Chairs, Lock Out Hubs **$9,900**

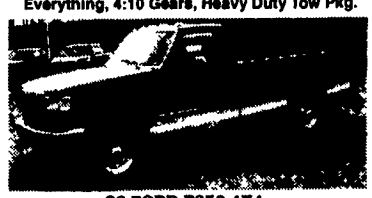
85 FORD F350 GREAT FARM TRUCK
4 Wheel Drive Flatbed Dump, Diesel Power, 4sp Trans, Dual Rear Wheel, Removable Stake Sides.



4x4 1 TON PICKUP FORD F350 XLT
Powerstroke Turbo Diesel, 5 Sp, A/C, Limited Slip 4:10 Gears, Dual Tanks, Factory Warranty

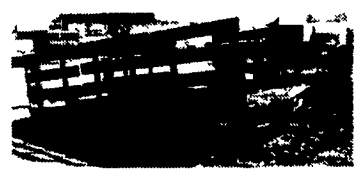


4X4 CREW CABS
Single Rear Wheel Powerstroke Turbo Diesel, AT & 5 Sp., Loaded XLT's & Workstyle XL Call For Details



96 FORD F250 4X4
heavy Duty 3/4 Ton Power Stroke Turbo Diesel AF, A/C, 4:10- Gears Aluminum Wheels, Only 12,000 Miles

CUMMINS TURBO DIESEL 89 DODGE 4 WHEEL DRIVE
Heavy Duty 3/4 Ton, Auto, A/C, Tow Pkg, Lock Out Hubs, Western Plow



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4x4 WORK TK, 95 FORD F250 XL
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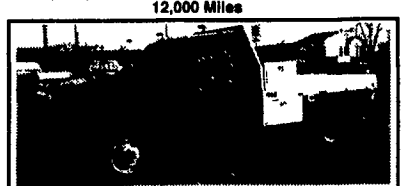
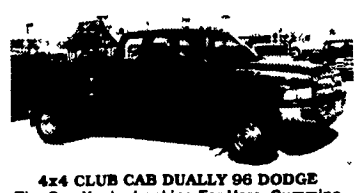
4X4 DIESEL SUPER CAB
96 FORD F250 XLT
A Nice One, Only 23,000 Miles, Auto, Loaded, XLT, Aluminum Wheels, 40/20/40 Seat



4x4 Aluminum Flatbed 94 Dodge 3500 - Cummins Turbo Diesel H.D , 5 Sp., A/C, Limited Slip 4:10 Gear, Aluminum Bed, 5th Wheel Hitch



4x4 CLUB CAB DUALLY 96 DODGE
The One You're Looking For Here, Cummins Diesel, H D. 5 Sp , 4 10 Gears, 37,000 Clean Miles

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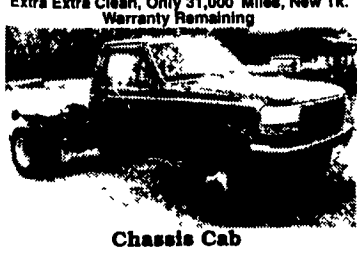
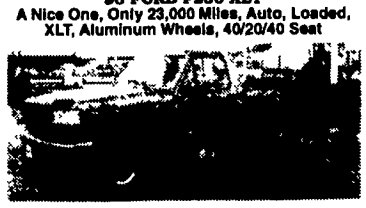
Cummins Turbo Diesel, AT, A/C, Tilt, Cruise, Brand New Tires, Very Clean
$19,900



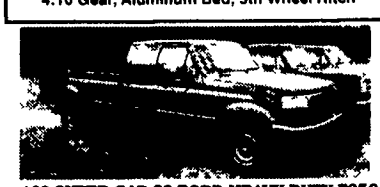
Chassis Cab
96 4x4 F350
Powerstroke Diesel, AT, A/C, Sht 137 WB

95 FORD SUPER DUTY
Powerstroke Diesel, 5 Sp, Sht 137 WB

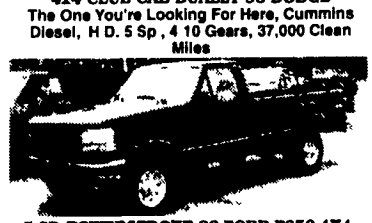
97 FORD SUPER DUTY
Powerstroke Diesel AT, A/C, Long 161 WB



5 SPD. DIESEL 4X4 93 FORD F250 XLT
Strong Diesel Power, Heavy Duty 3/4 Ton Lock Out Hubs, Dual Tanks, A/C Only 66,700 Miles, Nice Driver, Clean Tk.

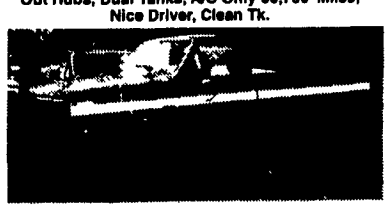


460 SUPER CAB 92 FORD HEAVY DUTY F250
4 Wheel Drive, Strong 460 f.i AT, A/C, Capt. Chairs, Gooseneck Hitch, This Truck Will Definitely Pull Your Trailer, 59,000 Nice Miles

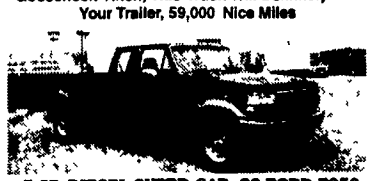


5 SP. POWERSTROKE 96 FORD F250 4X4
Heavy Duty 3/4 Ton Beautiful Tk, Only 25,000 Miles, Powerstroke Turbo Diesel, 5 Sp, A/C, 40/20/40 Seat, Aluminum Wheels

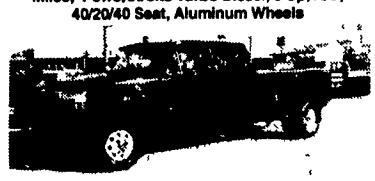
5 SP DUALLY, 94 CHEVY 4 WHEEL DRIVE
Great Pulling Tk, High Output, 6.5 Turbo Diesel, H.D 5 Sp., A/C, Gooseneck & Class 3 Hitch, Only 40,000 Miles



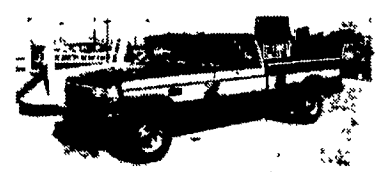
OLD 4X4 DIESEL 86 FORD F250
Diesel Power 4 Sp. Trans, Lock Out Hubs



5 SP. DIESEL SUPER CAB, 96 FORD F250 HEAVY DUTY 5 Spd. Are Hard To Find, So Don't Wait Too Long, Powerstroke Turbo Diesel, Limited Slip Gear, Only 35,000 Miles



4X4 - 97 FORD F350 CREW CAB DUALLY
Impossible To Find - But We Have One! Like New, Only 3,000 Miles, Powerstroke Turbo Diesel, AT, Every Option, Alcoa Aluminum Wheels



4X4 DIESEL SUPER CAB - $22,900
94 FORD F250 HEAVY DUTY
Only 42,000 Miles, Turbo 7.3 Diesel, AT, A/C, Aluminum Wheels, A Real Nice Truck

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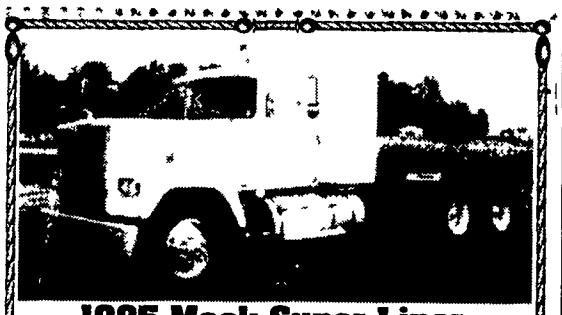
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350 Cummins, 10-Spd Trans, Good Rubber, New Brakes, AC
$12,500
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with Wheel Chair Lift
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NE4708 New McElrath Gooseneck, with Flip Tail Ramps, 12.00x16.5 Tires
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(1) **NE4334** Demo Unit, McElrath Gooseneck 21 Foot Trailer with Flip Tail, 16,000 GVW, (2) 8000 Axles with 215-17 5 Tires HD Price Was $6,625 **Sale Price $6,050**

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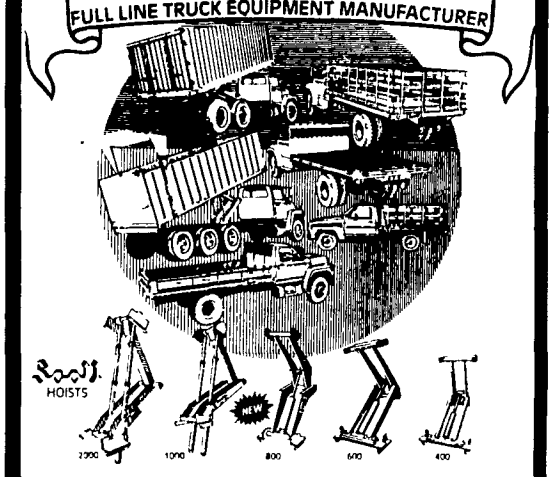
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Model 20 HPT EASY LOADER TRAILERS

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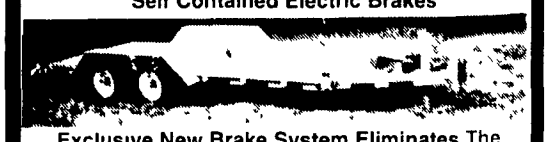
Exclusive New Brake System Eliminates The Need For Brake Controller Kits In Your Vehicle. Go with A Protow With The New Self Contained Braking System Today!
Step Up To A Good Used Tag-a-long Trailer From Binkley & Hurst Today!
Also Several Used Truck Bodies and New Stake Beds In Stock!
UM3627 Eager Beaver B 9 Dow 3 Axle Budd Wheel 9 Ton Trailer, Good Paint & Tires, Deck Over Wheels Overall 20 4 Bed, Length Incl Beaver Tail **$3,600**
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UN3596 20 Foot Flat Bed Truck Body with Winches for Straps and Bulk Head Heavy Duty Enough to Haul Lumber **$1,750**
UM3604 General 18 Ton Air Brake 21 Foot with Beaver Tail New Paint and DOT Reflector Tape **$5,250 Nice!**
UM3587 Intersate 10 Ton Air Brake 19 Flat Deck and 5 Beaver Tail with Ramps Good Red Paint Almost Like New!
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(1) Body w/ Lift Gate **$750**
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454 V8, AT, A/C, PS, PB, T,C, Stereo, Cab & Chassis, Silver Was $13,995 **$12,995**

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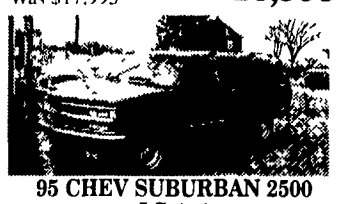
Silverado Pkg, 6 5 Turbo Diesel, AT, A/C Very Clean, Fiberglass Cap, Blue/Sandstone Was $17,995 **$16,995**

96 FORD F250 XLT HEAVY DUTY 4X4
351-V8, AT, AC, PS, PB, PL, PW, T, C, Stereo Cass, 42 000 Miles, Red Was $20,900 **$19,995**

95 JEEP GRAND CHEROKEE LAREDO 4x4
6 Cyl AT, A/C, PS PB, PW PL, C T Stereo Cass 61,000 Miles White Was $16 995 **$15,995**
(12 Jeeps In Stock)


95 CHEV SUBURBAN 2500 LS 4x4
350 V8, AT, PS, PB, PW, PL, C,T, Stereo, Dual A/C & Heat, CD Player, Barn Doors Tow Pkg, 38,000 Miles, Dk Green Was $26 995 **$25,995**
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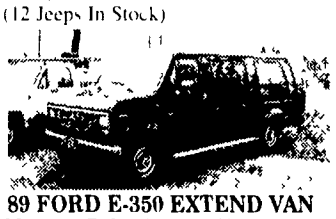
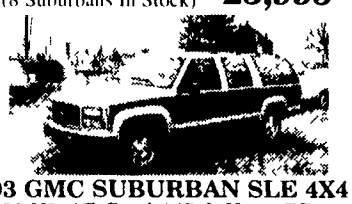
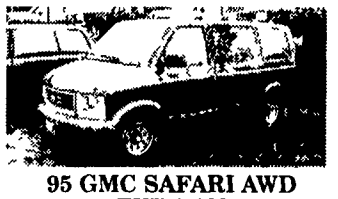
V8, AT, A/C, PS, PB, PW, PL, T,C, Stereo Cass, 60/40 Seat, Chrome Wheels, Black/Silver **$11,995**

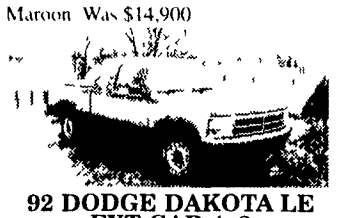

89 FORD E-350 EXTEND VAN
351 V8 AT Dual A/C & Heat 9 Passenger 68 000 Miles Dk Blue Was $8 995 **$7,995**


93 GMC SUBURBAN SLE 4X4
350 V8, AT, Dual A/C & Heat, PS, PB, PW, PL, C, T, Stereo Cass, Barn Doors, Tow Pkg 57,000 Miles, Was $19,995 **$18,995**


95 GMC SAFARI AWD EXT. VAN
4 3 V8 AT PS PB PW, PL T,C, Stereo Cass , Dual A/C 44 000 Miles Maroon Was $14,900 **$13,995**

93 PLYMOUTH GRAND VOYAGER
V6 AT A/C PS PB PL C T Stereo Cass Dk Blue 7 Pass Was $6 995 **$5,995**

90 GMC K1500 SL 4X4
4 3 V6 AT PS PB Stereo 76 000 Miles Red Great Farm Truck Was $8 995 **$7,995**


92 DODGE DAKOTA LE EXT CAB 4x2
6 Cyl AT A/C PS PB T C Stereo Cass , Local 1 Owner 67,000 Miles, Maroon/Beige Was $9 900 **$9,500**

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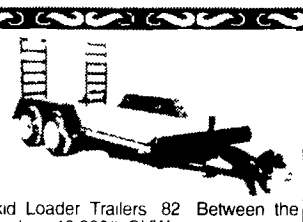
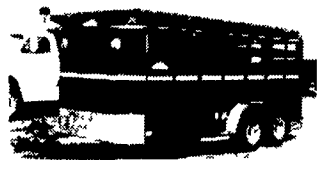

Skid Loader Trailers 82 Between the Fenders 10 000# GVW
16 Long **$2,555**
18 Long **$2,705**

Pace Rallye Trailers
5 x8 **$1,890**
6 x12 **$2,150**


Moritz Bumber Pull Livestock Trailer Torsion Axles Flat Front
6 x6 1/2 x16 7000# GVW **$3,350**
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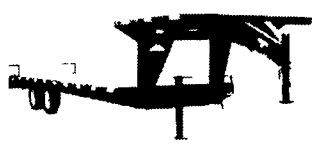
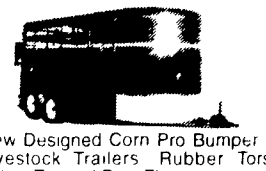
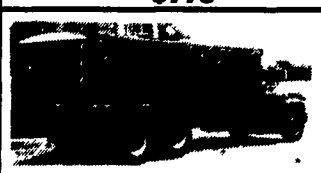
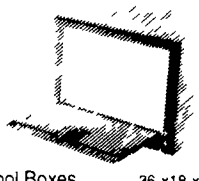
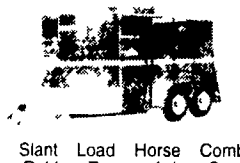
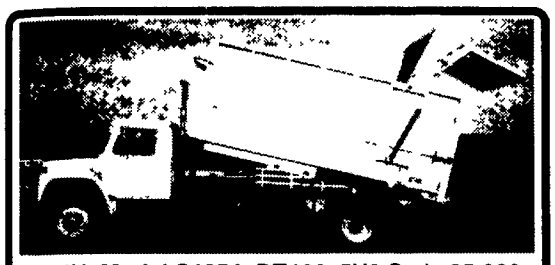

25 Moritz Gooseneck Flatbed Adj Dovetail Deck Over Neck 14 000# GVW Triple Ramps **$4,995**


New Designed Corn Pro Bumper Pull Livestock Trailers Rubber Torsion Axles Treated Pine Floor
5 x16 3500# Axles **$3,350**
6 8 Wide x 16 Long 3500# Axles **$3,575**
6 8 Wide x 16 Long 6000# Axles **$3,895**

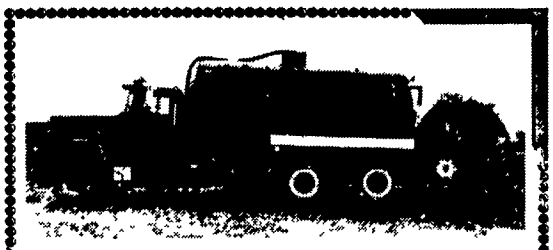

Grain Bodies Removable Sides arious Rears Available With or Without Hoist 16 w/40 Sides Not Installed **$2,550**


Tool Boxes
24 x18 x18 **$132**
30 x18"x18" **$140**
36 x18 x18 **$147**
42 x18"x18" **$155**
48 x18 x18 **$163**


Moritz Slant Load Horse Combo Trailers Rubber Torsion Axles, Swing Open Divider and Dressing Room Wall
6 x13 2 Horse **$3,395**
6 x16 3 Horse **$3,695**

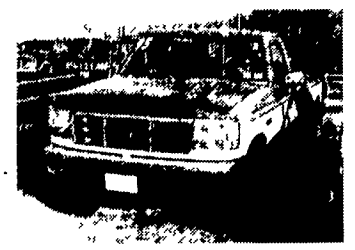


81 IH, Model S1954, DT466, 5X2 Spd., 35,000 GVW, 16' Alum. Dump Body w/Hyd. Tailgate, PS, Air Brakes, Good Cond.
$12,500
Call R. Wayne Collison **302-398-8047**



1989 Mack 350 HP, 10 Speed, 4500 Gallon With Injectors, Flotation Tires
(717) 733-7226

1995 FORD BRONCO 4X4
Eddie Bauer only 34,000 Miles Super Clean #4140A Just Traded
Priced To Sell $18,999



1995 FORD F250 4X4
351-V8, Auto, Air, XLT, Loaded, 45,000 Miles
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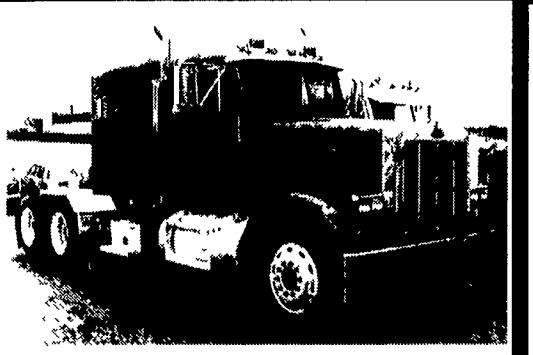
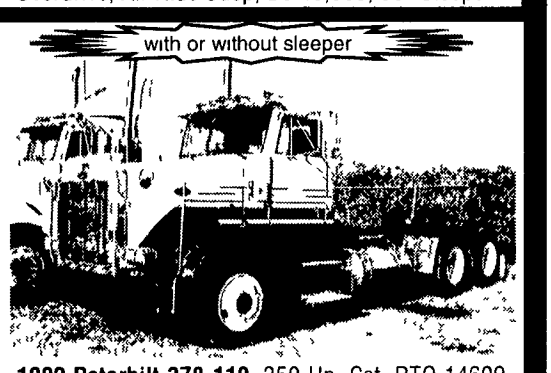
1989 Peterbilt 357, 315 HP Cummins, 9 Speed, 18,000# Front, 40,000# Rear, 22' Flatbed w/Side, Air Ride, Alum Wheels

1984 Peterbuilt 359, 3406 Eng, 425 HP, 15 Speed Overdrive, Air Ride Susp, Ds 40,000; 36" Sleeper



1993 Peterbilt 378, 63" Sleeper, 350 Hp Eng Jake Brakes 9 Speed Trans Peterbilt A/Leaf Susps , Lightweight 16,420 Lbs w/150 Gals Fuel



1992 Peterbilt 378-119, 350 Hp Cat RTO 14609 Trans, DS402- 4 11 Rear Axle, 36" Sleeper, Low Ride, Air Susp

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- **1995 Ford Explorer,** XLT Pkg, "Dennis' Believe It or Not!" 3,800 Miles (not a misprint), Garage Kept, Fully Loaded, Owner Gave Up Driving Privileges, **$19,995**
- **1995 Dodge 2500,** 4x4, Cummins Turbo Diesel, SLT Pkg Auto 60k Miles **$21,900**
- **1995 Chevrolet 1500 Club Cab,** 350, V8, 4x4, Auto, Silverado Pkg , Emerald Green w/Sandstone, 50,000 Miles **Nice Truck**

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- **1995 Ford Ranger, Splash edit., 4x4, auto, air, 4.0 6 cyl., 1 reg. cab, 1 ext. cab, ... Both Low Miles!**
- **1995 Ford F150,** XLT Pkg., 4x4, V8, Auto, Power Equip , 21,000 miles, matching fiberglass cab **$16,900**
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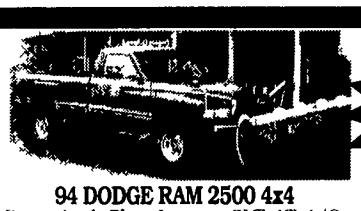
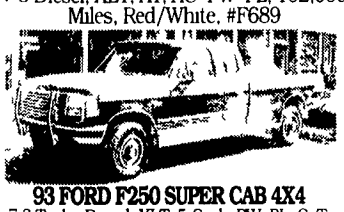


94 DODGE RAM 2500 4x4
Power Angle Plow Laramie SLT AT A/C PW PL Alum Wheels 360 EFI 67 000 Miles Red/Silver #D222

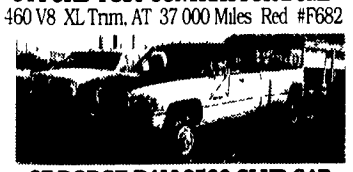
94 CHEV. K3500 4x4 CONTRACTOR DUMP, 6 5 Turbo Diesel, 5-Spd , PS, PB Tool Boxes, AM/FM Cass , Dark Red, 70,000 Miles #C451

90 FORD F350 CREW CAB 4X4
7 3 Diesel, XLT, AT, AC PW PL, 102,000 Miles, Red/White, #F689



93 FORD F250 SUPER CAB 4X4
7 3 Turbo Diesel, XLT, 5-Spd , PW PL C T Running Boards, Visor & Much More, 62,000 Miles Red/Black #F679

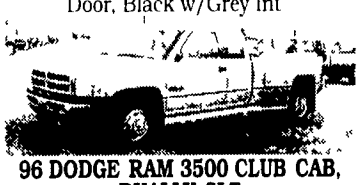
94 FORD F350 CONTRACTOR DUMP
460 V8 XL Trim, AT 37 000 Miles Red #F682



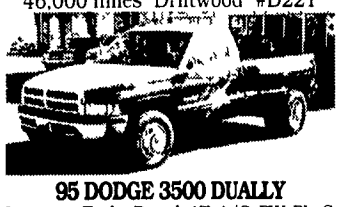
97 DODGE RAM 3500 CLUB CAB DUALLY 4X4
Cummins Turbo Diesel, AT, AC, PW, PL, SLT Pkg., 410 LS, 1,000 Miles, Black/Pewter, Full Fact. Warranty, #D226

94 FORD F250 4X4 H.D.
XLT Turbo Diesel, 5-Spd , A/C, Loaded, 50,000 Miles Blue #F667

94 CHEV. 2500 SERIES SUBURBAN 2WD, LT Pkg 6 5 Turbo Diesel, AT Dual A/C & Heat Running Boards 66 000 Miles Barn Door, Black w/Grey Int



96 DODGE RAM 3500 CLUB CAB, DUALLY SLT
Cummins Turbo Diesel AT A/C PS PB PW, PL C, T, Absolutely Beautiful 46,000 miles Driftwood #D221



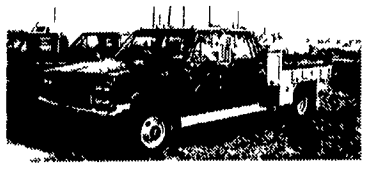
95 DODGE 3500 DUALLY
Cummins Turbo Diesel AT, A/C, PW, PL C T, 44,000 Miles, Blue & White #D218

89 FORD F250 SUPER CAB 4X4
7 3 Diesel, Power Angle Plow, XLT, AT, AC, PW, PL, 81,000 Miles, 2-Tone Blue, #F686

93 FORD E350 CLUB WAGON
15 Passenger AT 351 XLT Dual AC PW PL C T 73 000 Miles White w/Charcoal Int #F691

86 CHEV C-30 VAN w/ELECTRIC 27ft. BUCKET
6 2 Diesel AT PS PB Fresh white Paint Ex Cond Ready for Service

88 FORD F250 4x4
460 V8 AT PS PB 8600 GVW 58 000 miles, 2 Tone Blue/White #F669



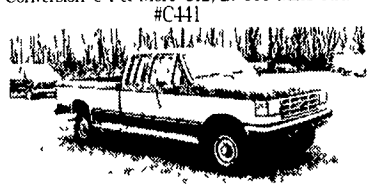
89 GMC K3500 CREW CAB DUALLY 4X4
8 ft. Eby Alum. Flatbed w/Gooseneck Hitch 454 EFI PS PB 11 000 GVW Hi miles Looks & Runs Good #G184

96 FORD F350 CREW CAB DUALLY
Power Stroke Diesel, XLT, AT, A/C, 32,000 Miles, White, #F659

94 DODGE RAM 3500 4X4 CONTRACTOR DUMP Cummins Turbo Diesel AT AC PS PB, Running Boards Tool Box, 85,000 Miles, Dk Metallic Green #D224

96 FORD F250 EXT. CAB 4x4
Power Stroke Diesel XLT AT A/C Loaded 31 000 Miles Blue #F654

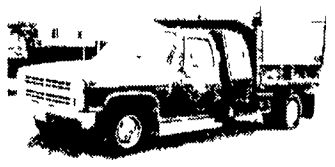
94 CHEV K3500 EXT. CAB DUALLY 4x4
6 5 Turbo Diesel AT A/C Country Coach Conversion C T & More Only 27 000 Miles Red #C441



87 FORD F250 SUPER CAB 4X4
6 9 Diesel, AT AC, XLT Pkg PW C T 75 000 Miles #F690

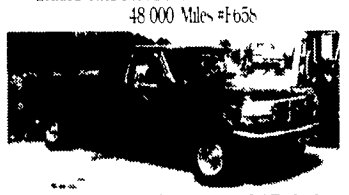
94 DODGE RAM 3500 12 FT. STAKE BODY
Power Angle Plow, Cummins Turbo Diesel AT, A/C, PS, PB, AM/FM, 26,000 Miles, 11 000 GVW Red #D223.

95 FORD F250 4X4 H.D, Power Stroke Diesel & Power Angle Plow 5 Spd AM/FM Dual Tanks PS PB 38 000 Miles Dk. Metallic Green #F685



88 CHEV. C30 L-PAK DUMP TRUCK
350 V8 4 Spd AM/FM Cass PS PB 75 000 Miles Red #C446

93 FORD F350 CREW CAB DUALLY 4X4
Centurion Conversion Pkg 460 V8 5 Spd XLT Loaded Rear Fold Down bed Alum Wheels Only 48 000 Miles #F658



95 FORD F250 SUPER CAB 4x4
Power Stroke Diesel 4T OD A/C Alum Wheels Loaded 45 000 Miles Fact Warr #F657

94 FORD SUPER DUTY FLATBED DUMP
460 V8 5 Spd AM/FM 43 000 Miles 15 000 GVW Green Reach To Work #F688

94 FORD F350 4x4
Turbo Diesel, 5 Spd , XL Trim PS, PB, AM/FM Side Tool Boxes & Ladder Rack, 9,000 GVW, 69,000 Miles White #F683

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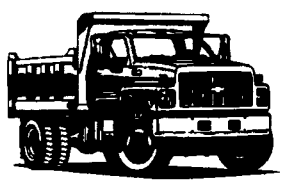

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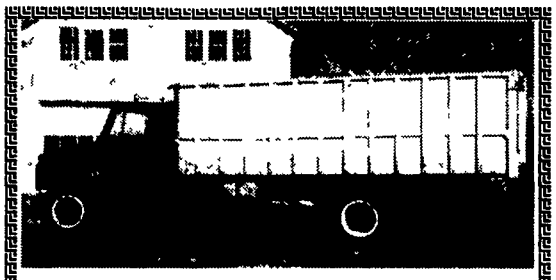
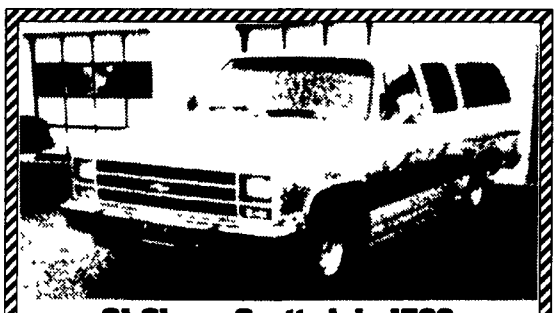


1981 IH Model S1800, DT 466 Diesel, 34000 GVW, 162,000 Original Miles, 18' Eby Alum. Bed with Fitted Tarp, 5 Spd. with 2 Spd. Rear PS, AB, Harsh Twin Cylinder Scissors Hoist, Top or Bottom Hinge Tailgate with Grain Chute, Air Ride Seat, New Inspection.

$15,500
Call 610-942-3342



91 Chevy Scottsdale 1500
6 Pass, Suburban 6.2 Litre Diesel, Auto, PS, PB, AM-FM Class III Hitch 45,000 Orig. 1 Owner Miles, New Goodyear Wranglers, Ex. Cond.

$9,950

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1992 F-700 Ford, 25,500 GVW (No CDL) Diesel, 6 Spd., 20 Ft. Van Liftgate, Side Door, 148,000 Miles, Ex. Cond.

1986 GMC Topkick - 3208 Cat - 6 spd. - 33,000 GVW - A/B - 155" C to A - Clean Truck – $8,500

1994 Isuzu NPR 16 ft. Body TURBO Diesel, 5 Speed, Off Lease Truck, Very Clean $12,500

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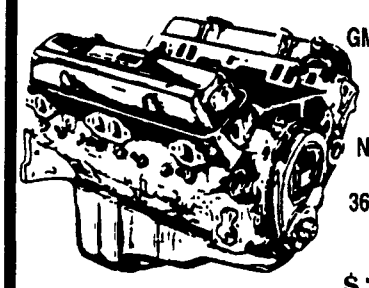

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New Engine - No Core Fee **$1199.00**

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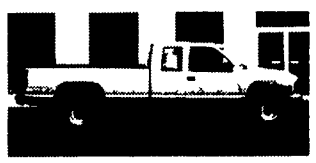
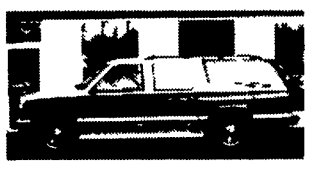
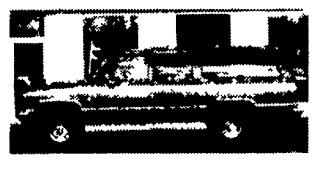


93 CHEV EX CAB 3/4 TON 4X4
Silverado, Diesel, AT, AC, CC, PW, PL, Cass, 49,000 Miles

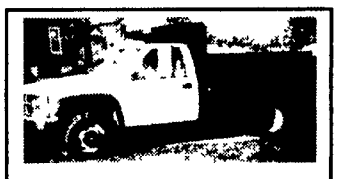


93 CHEV SUBURBAN SILVERADO 4X4
Auto , A/C, PW, PL, Cassette

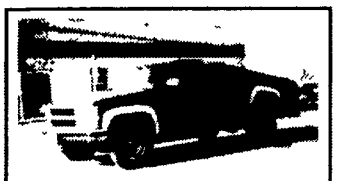


88 CHEVY SUBURBAN SILVERADO 4X4
Auto, A/C, PW, PL, Cassette, 85,000 Mi.

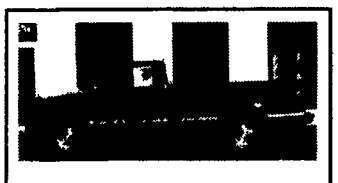
92 CHEVY K1500 EX CAB 4x4
Silverado, V8, AT, AC, CC, Tilt, PW, PL, Cass Only 44,000 Miles



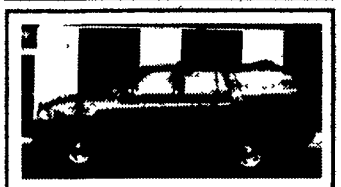
98 CHEVY DUMP TRUCK
3500 HD 4x4, 12,000 GVW



94 CHEVY 3/4 TON 4X4
Dump Bed, V8, Auto, Air, Cruise, Tilt, 55,000 Miles



95 CHEVY SILVERADO C1500
V8, Auto , A/C, PW, PL, Cassette



97 FORD EXPEDITION XLT
V8, Auto., A/C, PW, PL, Cruise, Cassette, Only 17,000 Mi.

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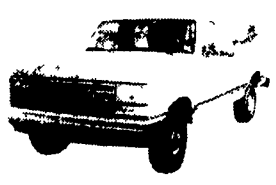


'87 FORD F150 4x4
Auto, V8, PS, #7662
Was $7,995
SALE **$6,754**

'95 GMC SONOMA XCAB 4X4
AC, V6, 5 SPD., SLS, #7619, WAS $17,400
SALE **$15,200**

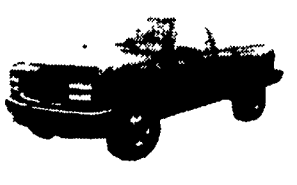
'91 CHEV 4x4 SUBURBAN DIESEL
Silverado, AT, AC, 8 Pass, #7574 Was $16,800
SALE **$13,770**

'96 Chev Crew Cab Dually
AT, AC, 454 Silverado, 9,000 Miles, #7686, Was $25,995
SALE **$24,000**

'95 CHEV S10 Blazer
Auto 4DR V6 LS #7633
Was $21,500
SALE **$19,475**

Diesel

'94 CHEV K25 X-CAB 4x4
#7629 Auto AC
Was $20,500
SALE **$18,700**



'95 GMC K15 4x4
5 Spd, Z71, 350, SLE
#7583 Was $20,700
SALE **$17,800**

'94 CHEV S10 BLAZER 4x4
4 Dr., AT, AC, V6
#7607 Was $13,400
SALE **$10,100**

94 CHEVY SUBURBAN 4x4
AT, AC, 350, Silverado, 8 Pass., #7604, Was $22,750
SALE **$19,950**

'94 Dodge 15 Pass Van
AT, AC, V8, Clean, #7672
220,000 Miles was $9,975
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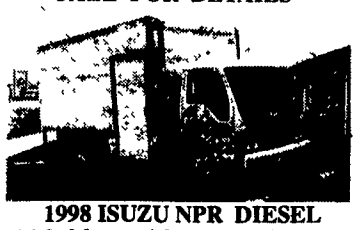

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36 REAL ESTATE

10 Acre Farm, Dorothy, NJ, w/established hydroponic greenhouse business, 4BR Cape Cod, garage and large barn. $175,000. 609/476-2496 Tue-Fri.

115A Farm, Lykens Valley, Dauphin. Co., PA 717-365-3898

11 ACRES WOODLAND: good hunting, next to State and Union County; $60,000. 717-966-0074.

159 Acres, 100 acres wooded, 59 acres cleared. Little Cove area of Franklin Co. STRA-WOOD REALTY/DAVE MCLUCAS 717/597-0234 or 717/328-5629.

162 acre Eastern Wayne Co., NY dairy farm, 52 tie stalls and free stalls, w/3 silos, newer ranch-style house. 315/594-8260.

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200 acre operating dairy farm, Northwestern Pa, Mercer Co. Would like to sell all, farm, cattle and machinery due to health and help. Would like to sell immedately! After 8pm, (412)588-7551.

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FOR RENT: Approx. 20A, tillable, creek bottom, organic for over 20 years. Columbia Co., PA. 717-784-7513 after 8pm

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160 tillable, balance pasture & small woodland including recreational springfed pond. 50 acres pasture in rotational grazing setup w/water system. 2 homes, 2-story barn w/77 tie stalls on 2" pipeline, 2 silos w/unloaders, heifer barn. 1/2 mile from US Rt. 6, 4 miles from college town.
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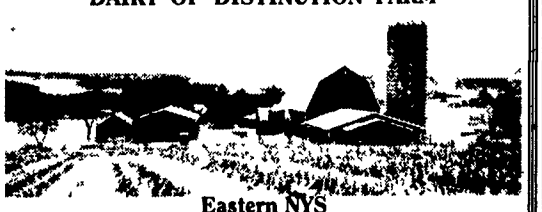
DAIRY OF DISTINCTION FARM



Eastern NYS
Picture Perfect in every way EX end of lane private setting 390+- acres with 200+- acres of well maintained tillable acres all near the barn No over the road EX 81 cow tie stall barn with attached free stall heifer barn 2 silos Paved barnyard with 80' bunk feeder. EX equipment shed and outbuildings. EX 9 room colonial farmhouse Paved driveway 2 car garage EX 3BR 2nd home with attached garage Rarely does a farm with so much to offer in a setting like this come on the market. Must See. Many Many Extras here Successful retiring farm family offers at **$319,700.**

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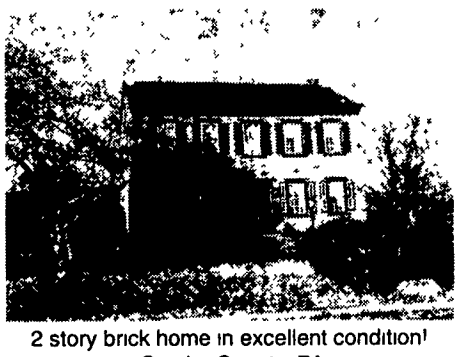

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177 +/- acres with nice newer 3 BR home. Pretty views, with much potential for property. Abundant wildlife in area for recreational purposes or convert into ranch/farm **$199,900** #1486

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Turn-key operation, 187 acres, 68 milking stalls, 37 heifer stalls in new 48x166 barn, new 3 BR home. Call for info on additional land for sale. **$244,500** #1523

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See the December 27th or November 29th issues for a complete farm and farmette inventory

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164 acre general farms, limestone soil, 2½ story stone farmhouse, circa 1700's, 4 bedrooms, new pole barn, farm borders 3 roads, 12,950' of road frontage
Upper Frankford Township
80 acre livestock farm, 4 BR's, 2 baths, barn, 40'x110' pole barns, 4 bay garage, pond, gently rolling shale soil

FRANKLIN COUNTY
Greene Township, 100 +/- Acre dairy farm, 4 BR, 2 1/2 baths, brick dwelling, double 6 parlor, free stall barn, silos, bunks, lagoon, limestone soil. Must see to appreciate
Lurgan Township, 58 acre mostly cleared, some wooded, gently rolling, shale soil, NO buildings, secluded.

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- Union County, PA

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$240,000

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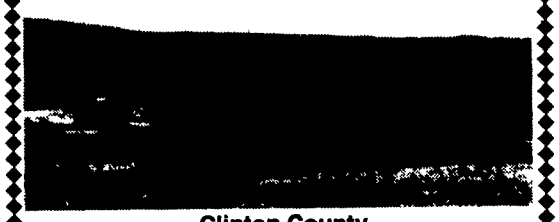

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75 ACRES - Developmental Acres SOLD Just over Maryland/PA line $[illegible],000 (LF47343)

32 ACRE GENTLEMAN'S FARM – Near Mason Dixon Line 2 story home, barn, cattle shelter, silo corn crib 3 bay garage with heated workshop $226,000 (LF70107-6)

146+ ACRE DAIRY FARM - 120 Acres tillable, large house, double parlor, free stall barn, bank barn Good location near Chambersburg $495 000 (LF70040-3)

144 ACRE FARM - 2 streams and a pond, large 2 story home, bank barn SOLD, implement shed, heifer barn, 4 bay pole barn & storage $435,000 (LF70103-3)

111 ACRE DAIRY FARM - 100+ Acres tillable, much road frontage, bank barn, beautiful setting, limestone soils Near Waynesboro $610,500 (LF47950-6)

96 ACRE GENERAL FARM - 75+ Acres tillable, limestone soils house, 3 unit dwelling, barn, sheds Good views, near Waynesboro $432,000 (LF47972-6)

PLEASE NOTE: 111 ACRE DAIRY & 96 ACRE GENERAL FARMS are adjacent and can be purchased together

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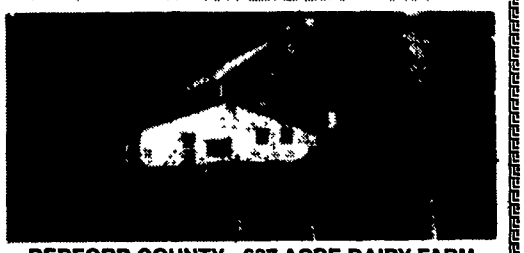


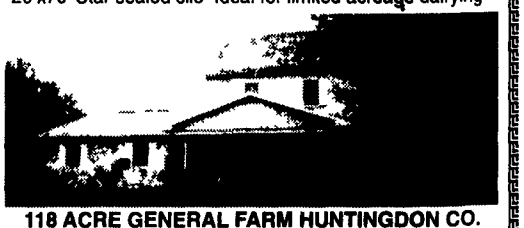
BEDFORD COUNTY - 637 ACRE DAIRY FARM

3 homes, 1 apartment, bank barn with free stall attachment, dry cow barn, heifer barn, 6 upright silos, 3 trench silos, much more

BEDFORD COUNTY - 200 ACRE DAIRY FARM - Modern Free Stall Operation with Parlor - Sound Buildings - Well Maintained. Additional 205 Acre General Farm Available **PRICE REDUCED.**

CENTRE COUNTY - BELLEFONTE AREA - 27 ACRE DAIRY FARM

Stone farm house, modern 1-story tie stall dairy barn, 20'x70' Star sealed silo Ideal for limited acreage dairying



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TROUPSBURG: DAIRY FARM...Main Barn- 60x60, 14x45 silo, machine shed, Total of 60+/- acres with 20+/- acres tillable, 35+/- pasture, 5+/- wooded, year around creek. House- 2 story, 8 rms w/ 4 bdrms. **#3794**

STEUBEN COUNTY: FARMETTE...55+/- acres, partly wooded, stream, scattered fruit trees, 2 story house, 3 bdrms, 1.5 baths, and views of rolling countryside. **#3589**

TROUPSBURG AREA: LOTS OF LAND... 170+/- acres, stream & springs, part heavy forest, scattered Apple trees. 2 story home, 2 bdrms, 2 car garage, with inspiring views. **#3774**

STEUBEN COUNTY: 65+/- acres, ponds, springs, 2 road fronts, 6 bay Pole Barn and Country home with 3 bdrms. **#3759.** 50+/- acres, rolling, 1,285+/- ft. of road front, springs, ponds, 40x60 Agway Pole Barn, concrete floor, 30x120 concrete pad. **#3760**

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STEUBEN COUNTY: PINE VALLEY FARMS...Main Barn 68x132, Dairy Barn 43x48, Barn 18x26, Machine Shed 34x82, Milk House includes double four milking parlor, 3 silos, Total of 436+/- with 70 acres wooded, 250 acres tillable, pond, year around creeks. House - older, 2 bdrms, full basement. **#3714**

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370 ACRE CROP FARM AND GARDEN CENTER: 350 tillable, all in large adjoining fields 2 Barns for hay storage, 2 garages for equipment repair and storage 3 bay pole barn for equipment storage 50 ton Oat Bin with dryer Grainery with hammer mill and seed cleaner Loafing shed for heifers and beefers Lots of new fences Nice little ranch style home Brand new Garden Center with 26' x 50' store, 6 bay pole barn, 3 loading docks for pick ups Drilled well with working Wind Mill This is a nice, neat operation in a long growing season area **Asking $159,900** Some owner financing possible

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EXCELLENT 2 FAMILY LIVING 250 acres, 120 tillable, balance mostly pasture, 36x100 Bank Barn, 35x75 totally enclosed pole barn, 25x60 - 3 sided pole barn Numerous sheds and out buildings All in very good condition Now on to the 2 houses Large New England style colonial with 5 plus bedrooms, large living room and dining room Big kitchen with wood cookstove Huge wood shed which could almost be another house This house needs some work (mostly updating) but it does have a new furnace House 2 is a decent size 3 bedroom 1 bath in good condition This is a pretty Farm with Streams runing through all the pastures, and lots of river frontage. There is even a 3 or 4 acre island which goes with the deal The best thing for all this and so much more is the Price Asking **$139,500.**

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4 bdrm , 2 bath home just minutes to Wellsboro, Mansfield & Blossburg. Bank barn & large metal barn for animals & equip Owner extremely anxious! Immediate possession. Asking $124,000 M-835B

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Mansfield area 2-story w/quality renovations completed thruout 2,542 sq ft featuring 4 bdrms, 1½ baths, new kitchen, new roof, new vinyl siding, new wraparound porch, and new huge deck 2 old barns for garage/shop space. Borders stream w/pleasant old orchard on 8 76 acres Much more! Asking $167,500 M-1027

MANSFIELD, PA APARTMENT COMPLEX

56 units in 2 separate brick multi-unit apartment buildings. Mix of 1 and 2 bdrm units w/bath & kitchen New roofing on both bldgs in 1997. Rent rolls & annual property operating data avail to qualified buyers. Asking $1,100,000. M-1024

Farm For Sale

By Owner

Stone farmhouse (CA 1855) 3 bedrooms, living room, dining room, pantry Modern kitchen with southern exposure, cathedral ceiling, and radiant heat Updated plumbing & electric, recent boiler 1 car garage with laundry Good well and septic Slate roof with full attic House sits on 5 protected acres Large bank barn approx same age as house 8 stall with heated wash stall 3 ton feed bin with drop Large shop, heated tack room with hot & cold water Large pasture and side paddock, both with automatic waterers Tons of hay storage Barn sits on 14 acres

Can be purchased as an entirety, or separately

Shown by Appointment
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SHOWPLACE DAIRY OF DISTINCTION with special setting hidden at the end of a lane. 375+ acres with 200 acres tillable and 150 right around the barn in alfalfa. Beautiful steel-sided barn with 81 oversized tie stalls on 2" pipeline with 1000 gallon tank. Office with bath is one of the nicest you will see in a barn. Even a stereo system. Two excellent homes; one a stately Colonial, the other a custom built ranch. Too many extras to mention. Prettiest farm around and realistically priced at $319,700. **JUST LISTED!**

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FARMS FOR '98 POSSESSION

#1323 - Showplace dairy farm. Modern freestall buildings, 100 cow barn with double six parlor. 90 stall heifer barn plus large calf barn Two excellent homes. 400 tillable acres of flat land, nice location. Close to machinery dealers, school and shopping You can't see a nicer farm. Asking **$375,000**

#1546 - Owner retiring. 360 acres, 140 tillable, 50 pasture, balance woods. Excellent 2 story barn, 57 stalls, 21x64 sealed silo, 16x40 concrete stave, 25x40 bunker silo Freestall heifer barn. 8 rm , 5 bedroom, 2 bath home. Machinery shed Nice location Asking **$225,000.** Make us an offer.

#1398 - A real buy 100 cow tie stall barn + addition for heifers 4 silos, equipment building, large farm home, 150 flat tillable acres right behind barn 50 acre pasture Owner has reduced price to **$240,000.** Cattle & equipment also for sale

#1474 - A good farm for intensive grazing 223 acres 110 tillable, 50 pasture, 40 woods Good 38x144 barn, 59 tie stalls, heifer barn & hay barn, machinery shed. 7 room home. Priced reasonable at **$150,000.** Cattle and equipment also for sale.

#1551 - Owner retiring. Very good land, 300 acres - 180 tillable, 90 pasture Real good tie stall barn, 105 stalls, 3 big silos, 2 barns for heifers, big 2 family home. This is a nice farm with good location Priced right at **$325,000.**

#1547 - Another good buy Nice location on dead end road. Close to town, school & shopping 200 acres - 100 tillable, bal. Pasture 2 story bank barn, 62 tie stalls, 2 silos, good 8 rm home Asking **$140,000.** Ill health forces sale, make us an offer.

Free farm list on request!

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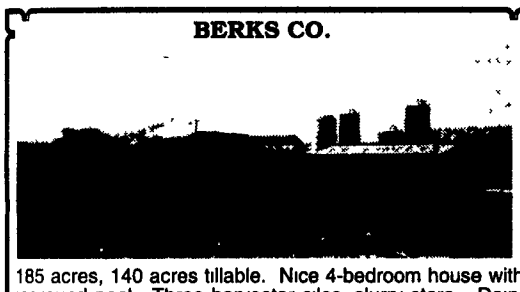
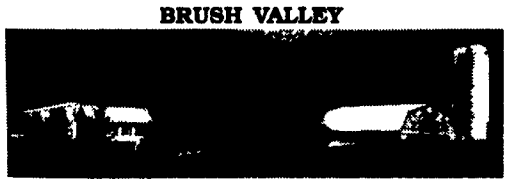


185 acres, 140 acres tillable. Nice 4-bedroom house with inground pool. Three harvester silos, slurry store. Dairy barn with 61 tie stalls.

PENNS VALLEY

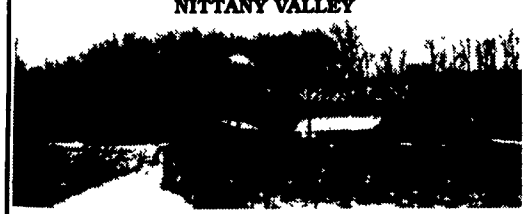
Centre Co., Spring Mills area 144 acre dairy, 85 acres tillable, 40 tie stall bank barn, one silo Large four bedroom house.

BRUSH VALLEY



Centre County, east of Rebersburg, 122 acre dairy, 45 acres tillable, rest wood & pasture, 40 stanchion bank barn, second barn 38x66 Two silos, 14x60 & 12x60 Four bedroom house in very good condition. Amish equipped

NITTANY VALLEY



Clinton Co., Lamar area, 164 acres, 124 tillable, two houses, 36 tie stall bank barn, two silos & outbuildings, 1/2 mile road frontage.

LANCASTER COUNTY

Drumore area, 82 acre dairy farm, 60 acres tillable, 9 acres pasture, rest woodland, Two silos, 50 stanchion cow barn & other outbuildings, Large 4 bedroom house, Amish equipped.

CLINTON COUNTY

North Bend Area, 291 acres of woodland Bear, Turkey & Deer have been seen on property. Excellent hunting or recreation property. No buildings. $515 per acre

INDIANA COUNTY

359 acres, 90 tillable, rest woodland. No buildings

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#17 - 272 A. dairy farm w/100 tillable - barn w/72 ties on 2" pipeline, 1000 gal. B.T., enclosed manure rm. w/22 heifer stalls, 4 silos with unloaders & good 11 rm. 2 fam. home w/garage & paved driveway - **$235,000** - OR **$189,000** FOR 227 acres PLUS BLDGS. - 2nd home avail.

#601 - 213 A. dairy farm w/130 tillable - 2 story barn w/192x38 ft. addition has 160 tie stalls on 2" pipeline w/8 units, 3000 gal. B.T., rubber mats, lg. heifer barn, 5 silos plus 30x90x8 ft. bunk silo - also V.G. ranch style home & mobile home - **$275,000.**

#606 - 47 A. hobby farm w/woods, pasture, pond & yr.-around creek - 2 story barn for horses or beef & V.G. 8 rm. colonial home - quiet, private area w/EX. view - **$140,000.**

#623 - 319 A. dairy farm w/165 tillable - 2 story barn w/73 on pipeline B.T., two 30x20 ft. mach. sheds, 4 silos w/unloaders & good 12 rm. home, also 2nd home w/6 rms. & garage - $345,000 complete - REDUCED TO **$315,000.**

#635 - NEW LISTING - RIVER FLAT FARM w/150 cow free stall barn has 464 A. w/225 tillable, heated double-6 parlor, 2000 gal. B.T. & 40x150 ft. free stall heifer & dry cow facility - 2 lg. bunk silos - also 2nd heifer barn, lg. mach. shed, commodity bldg.; insulated shop & good 8 rm. home w/garage & 2nd house - **$350,000** - more land avail.

#706 - 200 A. dairy farm w/150 tillable - all level meadow land - 2-story barn w/105 ties on 2" pipeline w/7 units - also heifer barn w/32 ties, 40x100 ft. mah. shed, 4 silos w/unloaders & TMR feeding system - V.G. 13 rm. home, in-ground pool w/fence & 2 stall garage - this Dairy of Distinction Farm offered at $325,000 - REDUCED TO **$239,000** OR 20 A. PLUS BLDGS. FOR **$140,000.**

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#1178 - Pinnacle Mountain - Every once in a while you come across a property that is truly unique. We're sure that you'll agree that this property is for the discriminating buyer. This ten room mountain top home has quality draped all over it. 3500 sq. ft. of living area, panoramic views of White Mountains, 28'x36' barn for the horse lover, 52 acres & much more. **$239,000**

#1269 - South Paris - Spacious four bedroom cape style log home on nice private one acre lot located only minutes from Market Square. This cozy nine year old home has two bathrooms, kitchen, dining, liv. room w/brick hearth & woodstove, plus large family room or office w/plumbing for third bathroom. Nice decks and many extras. Minutes from ski areas. ... **$121,900**

#1259 - Greenwood - Completely renovated cape style farmhouse with attached guest quarters. Located in the heart of four season recreation area. Twelve acres surround this well maintained nine room home. Minutes from several major ski areas. Shown by app..... **$89,000**

#882 - Norway Lake - Completely renovated year-round home with excellent waterfront for swimming, boating, water skiing, etc...Beautiful deck overlooking lake. Everything is new! Windows, doors, insulation, wiring, plumbing, heating, etc...Eight rooms plus 1-3/4 baths. You'll love it! ..... **Reduced to $169,500**

#1391 - North Waterford - Seven room farmhouse w/attached barn, plus a detached stable on 4+ acres. Located on Rt. 118 at Rt. 35 intersection. Lots of potential for home/business or recreation home. Near lakes, ski areas, etc...Long frontage on Crooked River. Needs some work, but worth the effort..... **$89,900**

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